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Drinking Water Surveillance Program

NORTH BAY WATER SUPPLY SYSTEM

Annual Report 1989





NORTH BAY WATER SUPPLY SYSTEM

DRINKING WATER SURVEILLANCE PROGRAM

ANNUAL REPORT 1989

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EXECUTIVE SUMMARY

DRINKING WATER SURVEILLANCE PROGRAM

NORTH BAY WATER SUPPLY SYSTEM 1989 ANNUAL REPORT

The Drinking Water Surveillance Program (DWSP) for Ontario is a monitoring program providing immediate, reliable, current information on drinking water quality. The DWSP officially began in April 1986 and is designed to eventually include all municipal supplies in Ontario. In 1989, 65 plants were being monitored.

The North Bay Water Supply System is a pumping station that adjusts alkalinity, disinfects and fluoridates water from Trout Lake before distribution. This plant serves a population of approximately 50,000 and has a design capacity of 30×1000 m³/day.

Water samples from two distribution sites were taken on a monthly basis and analyzed for the presence of approximately 180 parameters. The raw and treated water at the pumping station was sampled beginning in August. Parameters were divided into the following groups: Bacteriological, Inorganic and Physical (Laboratory Chemistry, Field Chemistry and Metals) and Organics (Chloroaromatics, Pesticides and PCB, Phenolics, Polyaromatic Hydrocarbons and Volatiles). Phenolics and Polyaromatic Hydrocarbons were only analyzed in the raw and treated water.

A summary of results is shown in Table A.

Inorganic and Physical parameters (Laboratory Chemistry, Field Chemistry and Metals) were below any applicable health related ODWOs.

Samples were analyzed monthly for the presence of approximately 110 Organics. Levels did not exceed health related guidelines.

During 1989, the limited DWSP sampling results indicated that the treated water and the distributed water from the North Bay Water Treatment Plant was acceptable in quality.

TABLE A

NORTH BAY WTP DRINKING WATER SURVEILLANCE PROGRAM

SUMMARY TABLE BY SCAN

RAW SCAN TESTS POSITIVE XPOSITIVE TE	TESTS	RAW TESTS POSITIVE XPOSITIVE	SITIVE	TESTS	TESTS POSITIVE XPOSITIVE	SITIVE	SI TESTS	SITE 1 TESTS POSITIVE XPOSITIVE		SI	SITE 2 TESTS POSITIVE XPOSITIVE	SITIVE	SII TESTS F	SITE 3 TESTS POSITIVE XPOSITIVE	OSITIVE
BACT	15	10	*	15	2	13	30	10	8	٥	 	æ	21	۳	14
CHEMISTRY (FLD)	15	15	100	30	30	100	115	112	76	30	30	100	29	*8	8
CHEMISTRY (LAB)	100	82	20	8	18	8	385	346	&	105	8	9	245	218	*8
METALS	120	17	×	120	43	35	516	242	\$	141	3	\$	329	132	07
CHLOROAROMATICS	26	0	0	2	0	0	154	0	0	42	0	0	8	0	0
РАН	60	0	0	20	0	0	٠	٠	•	٠	٠	4	٠		٠
PESTICIDES & PCB	149	0	0	170	0	0	309	0	0	102	0	0	186	0	0
PHENOLICS	100	m	8	10	m	3	•	٠	٠	٠	4	٠	٠	٠	۰
SPECIFIC PESTICIDES	4	0	0	10	0	0	Ξ	0	0	m	0	0	7	0	0
VOLATILES	145	0	0	145	16	Ξ	319	33	10	87	10	=	203	21	10
	069	147		739	173		1839	731		519	202		1156	077	

NO KNOWN HEALTH RELATED GUIDELINES WERE EXCEEDED.

TOTAL

A POSITIVE VALUE DENOTES THAT THE RESULT IS GREATER THAN THE STATISTICAL LIMIT OF DETECTION AND IS QUANTIFIABLE A "." INDICATES THAT NO SAMPLE WAS TAKEN

DRINKING WATER SURVEILLANCE PROGRAM

NORTH BAY WATER SUPPLY 1989 ANNUAL REPORT

INTRODUCTION

The Drinking Water Surveillance Program (DWSP) for Ontario is a monitoring program providing immediate, reliable, current information on drinking water quality. The DWSP officially began in April 1986 and is designed to eventually include all municipal supplies in Ontario. In 1989, 65 plants were being monitored.

The DWSP was initiated on the North Bay Water Supply in March of 1987. Annual Reports were published for 1987 and 1988 (ISSN 0840-5212).

This report contains information and results for 1989.

PLANT DESCRIPTION

The North Bay Water Supply System is a pumping station that adjusts for alkalinity, disinfects and fluoridates water from Trout Lake before distribution. The pumping station has a design capacity of 30 x 1000 .../day and flows on the day of sampling ranging from 26.4 x 1000 m³/day to 56.8 x 1000 m³/day. The supply serves approximately 50,000 pecple.

The plant location is shown in Figure 1. General plant information is presented in Table 2.

SAMPLE LOCATIONS

Samples were obtained from five DWSP approved locations;

- i) Plant Raw -The water originated from the sluice gate chamber prior to chlorination. Water was sampled through a stainless steel pump and stainless steel sample lines.
- ii) Plant Treated The water originated from the discharge off
 the Venturi chamber after addition of all treatment
 chemicals. Water was sampled through stainless
 steel sample lines.
- iii) Distribution System Site 1 This house is approximately 1.2

 kilometres from the plant. Water was sampled through a copper sample line at the basement laundry tap.
- ii) Distribution System Site 2 This house is approximately 2.0 kilometres from the plant. Water was sampled through a copper sample line at the kitchen sink tap. Sampling at this site was discontinued in March.
- iii) Distribution System Site 3 This house is approximately
 6 kilometres from the plant. Water was sampled
 through a copper sample line at the kitchen sink.

Sampling at this site was started in May.

SAMPLING AND ANALYSIS

Sample lines in the plant were flushed prior to sampling to ensure that the water obtained was indicative of its origin and not residual water standing in the sample line.

At all distribution system locations, two types of samples were obtained: a standing and a free flow. The standing sample consisted of water that had been in the household plumbing and service connection for a minimum of six hours. These samples are used to make an assessment of the amount by which the levels of inorganic compounds and metals may be changed on standing due to leaching from (or deposition on) the plumbing system. The only analyses carried out on the standing samples therefore, are General Chemistry and Metals. The free flow sample represented fresh water from the distribution main that had been flowing at the sample tap for five minutes before the sample was taken.

Attempts were made to capture the same block of water at each sampling point by taking the retention time into consideration. The retention time was calculated by dividing the volume of water between the two sampling points by the sample day flow. For example, if it was determined that the retention time within the

FIGURE 1

DRINKING WATER SURVEILLANCE PROGRAM SITE LOCATION MAP NORTH BAY WATER TREATMENT PLANT



FIGURE 2 NORTH BAY WTP

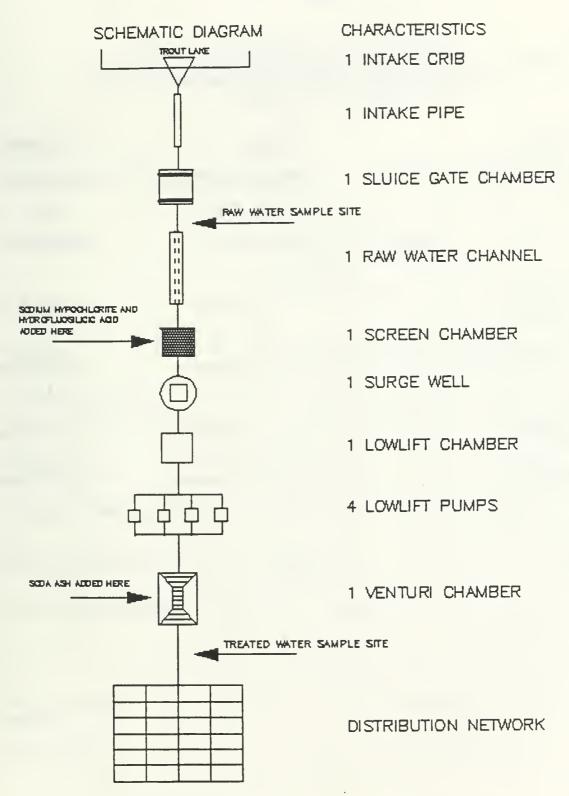


TABLE 1

DRINKING WATER SURVEILLANCE PROGRAM IN-PLANT MONITORING NORTH BAY WSS 1989

PARAMETER		LOCATION	FREQUENCY
Chlorine Residual -	free	Treated Water	continuous
		Treated Water	every 8 hrs
	total	Treated Water	every 8 hrs
Fluoride		Treated Water	every 8 hrs
рН		Valve Chamber	continuous
Temperature		Prior to Screens	continuous
Turbidity		Prior to Screens	continuous

TABLE 2

DRINKING WATER SURVEILLANCE PROGRAM ANNUAL REPORT GENERAL INFORMATION

NORTH BAY WATER SUPPLY SYSTEM

LOCATION:

248 LAKESIDE DRIVE

NORTH BAY, ONTARIO

P1B 3E3

(705-474-3417)

SOURCE:

RAW WATER SOURCE - TROUT LAKE

DESIGN CAPACITY:

30 (1000 M³/DAY)

OPERATION:

MUNICIPALITY

PLANT SUPERINTENDENT:

B. WINTON

MINISTRY REGION:

NORTHEAST

DISTRICT OFFICER:

J.R. HARMAR

MUNICIPALITY SERVED

POPULATION

50,000

NORTH BAY

plant was five hours then there would be a five hour interval between the raw and treated sampling. Similarly, if it was estimated that it took approximately one day for the water to travel from the plant to the distribution system site, this site would be sampled one day after the treated water from the plant.

Stringent DWSP sampling protocols were followed to ensure that all samples were taken in a uniform manner.

Plant operating personnel perform analyses on parameters for process parameters (Table 1).

The North Bay Water Supply distribution system was sampled for the presence of approximately 180 parameters on a monthly basis in 1989. The raw and treated water at the pumping station was sampled beginning in August. Phenolics and Polynuclear Aromatic Hydrocarbons were only analyzed in the raw and treated water. Samples were not taken for Specific Pesticide and Chlorophenol analysis. As of August, the analysis of triazine pesticides was dropped in the distribution system. Laboratory analysis was conducted at the Ministry of the Environment facilities in Rexdale, Ontario.

RESULTS

Field Chemistry measurements were recorded on the day of sampling

and were entered on the DWSP data base as submitted by plant personnel.

Table 3 contains information on the sample day retention time, flow rate and treatment chemicals used and their associated dosages.

Table 4 is a summary break-down of the number of water samples analyzed by parameter and by water type. The number of times that a positive or trace result was detected is also reported.

Positive denotes that the result is greater than the statistical limit of detection established by the Ministry of the Environment (MOE) laboratory staff and is quantifiable. Trace (<T) denotes that the level measured is greater than the lowest value detectable by the method but lies so close to the detection limit that it cannot be confidently quantified.

Table 5 presents the results for parameters detected on at least one occasion.

Table 6 lists all parameters analyzed in the DWSP.

Associated guidelines and detection limits are also supplied on tables 5 and 6. Parameters are listed alphabetically within each scan.

DISCUSSION

General

Water quality is judged by comparison with the Ontario Drinking Water Objectives (ODWOs) as defined in the 1984 publication (ISBN 0-7743-8985-0). The Province of Ontario has health related and aesthetic objectives for 49 parameters. These are currently under review. When an ODWO is not available, guidelines/limits from other agencies are consulted. The Parameters Listing System (PALIS), recently published (ISBN 0-7729-4461-X) by the MOE, catalogues and keeps current over 1750 guidelines for 650 parameters from agencies throughout the world.

Many of the compounds detected are naturally occurring or are treatment by-products.

Plant operational personnel address occurrences of taste and odour or biological water quality parameters. The DWSP does not assess these aspects of the water supply.

As stated under Results, traces do not indicate quantifiable values as defined by established MOE Laboratory analytical reporting protocols. While they can be useful in trend analysis or confirmation of the presence of a specific contaminant that is repeatedly detected at these levels, the occasional finding of a trace level of a contaminant is not considered to be significant.

DISCUSSION OF GUIDELINES AND LIMITS THEREFORE, IS ONLY CONDUCTED ON POSITIVE RESULTS.

Bacteriology

Positive results for the Bacteriology scan were present two times in the treated water, eighteen times in the Site 1 water, nine times in the Site 2 water and three times in the Site 3 water. The positive parameters were Standard Plate Count and Total coliform Background.

Standard Plate Count is a test used to supplement routine analysis for Coliform bacteria. The limit for Standard Plate Count (at 35°C after 48 hours) from the ODWOs is 500 organisms/mL based on a geometric mean of 5 or more samples. High Standard Plate Counts were present in the July Site 1 water. While no indicators of unsafe water were detected at this time, the high Standard Plate Count may be indicative of a deterioration in conditions in the distribution system. A total Chlorine Residual of at least 0.05 mg/L was detected in the samples.

Guidelines for bacteriological sampling and testing of a supply are developed to maintain a proper supervision of its bacteriological quality. The routine monitoring program usually requires the taking of multiple samples in a given system. Full interpretation of bacteriological quality cannot be made on the basis of single

samples. Further, bacteriological limits were developed in acknowledgement that the presence of coliforms may be detected due to their non-uniform distribution throughout the distribution system and the fact that their enumeration is subject to considerable variation. Routine bacteriological monitoring, as outlined in the ODWOs, is carried out by the operating authority.

Inorganic and Physical Parameters

Laboratory and Field Chemistry

The results for Laboratory Chemistry and Field Chemistry scans were below applicable health related ODWOs.

Colour values exceeded the aesthetic ODWO of 5 True Colour Units (TCU) in seventeen treated and distribution system free flow waters. Colour in drinking water may be due to the presence of natural or synthetic organic substances as well as certain metallic ions.

The Langelier Index is used extensively in estimating the corrosion potential of water. An increasingly negative index indicates the increasing possibility of corrosion. It is considered sound engineering practice to maintain a slightly positive Langelier Index. Although Table 3 indicates that Sodium Carbonate is added for alkalinity adjustment, the Langelier Index for North Bay is consistently negative.

As part of the treatment plant process, Hydrofluosilicic acid is added to the treated water (Table 3). Where fluoridation is practised, the Fluoride concentration recommended in the ODWO is 1.2 mg/L, plus or minus 0.2 mg/L. This level was generally maintained as can be observed in the Fluoride values in Table 5.

It is desirable that the Temperature of drinking water be less than 15°C. The palatability of water is enhanced by its coolness. A temperature below 15°C will tend to reduce the growth of nuisance organisms and hence minimize associated taste, colour, odour and corrosion problems. The temperature of the delivered water may increase in the distribution system due to the warming effect of the soil in late summer and fall and/or as a result of higher temperatures in the source water. The desired ODWO was exceeded once in the treated water.

Metals

Elevated levels of Copper, Nickel, Lead and Zinc were detected in the standing samples, as compared to the free flow distribution samples, indicating that small quantities of these metals were leached from the household plumbing as the water stood overnight. The Langelier Index indicates that this might be expected.

The Lead levels in the standing sample from Site 1 were high in January, April and September. The Nickel value was also elevated

in January and April. Samples from this location always showed higher levels for these metals in the standing samples than those from Site 2 or Site 3 (indicating the possibility of a lead service connection). The ODWO for lead applies to the free flow sample and not the standing water sample.

At many locations sampled as part of the DWSP, elevated mercury levels have been a result of contamination in the preservative. This problem has since been corrected by using single-use preservatives. The increased mercury levels at Site 1 are a result of this contamination.

Organic

Chloroaromatics

The results of the Chloroaromatics group showed that no Chloroaromatics were detected.

Pesticides and PCB (Polychlorinated Biphenyl)

The results of the Pesticides and PCB scan showed that no PCBs were detected and that two pesticides were detected:

Alpha BHC

Atrazine

There are several isomers of BHC (Benzene Hexachloride). Gamma BHC is the active ingredient of the pesticide Lindane, while alpha BHC

is the isomer most predominantly found in surface waters of the Great Lakes basin as indicated in results from other water supplies on DWSP.

Alpha BHC was detected at trace levels; three times in the raw water, once in the treated water, eight times in the Site 1 water, twice in the Site 2 water and twice in the Site 3 water.

Atrazine was detected at a trace level in one Site 1 water.

Phenolics

The maximum desirable concentration of phenolic substances in drinking water is 2.0 μ g/L. This limit has been set primarily to prevent the occurrence of undesirable tastes and odours, particularly in chlorinated water. Phenolics were detected in the raw water, ranging from 1.0 to 4.0 μ g/L, and in the treated water, ranging from 1.0 to 5.0 μ g/L. Phenolic compounds are present in the aquatic environment as a result of natural and/or industrial processes.

Volatiles

Within the Volatile scan, eight parameters, other than Trihalomethanes (THMs), were detected:

Benzene

Toluene

Ethylbenzene

Meta-Xylene
Ortho-Xylene
Styrene
Carbon Tetrachloride
Tetrachloroethylene

Benzene was detected in the August treated water sample at 0.60 μ g/L. The Interim Maximum Acceptable Concentration listed in the Canadian Drinking Water Guidelines (Health and Welfare Canada) for benzene in drinking water is 5.0 μ g/L.

The detection of toluene at low, trace levels is a laboratory artifact derived from the analytical methodology.

Ethylbenzene was detected at trace levels; once in the treated water, twice in the Site 1 water, twice in the Site 2 water and once in the Site 3 water.

Meta-Xylene was detected at trace levels; once in the Site 1 water and once in the Site 3 water.

Ortho-Xylene was detected at a trace level; once in the Site 1 water.

The detected trace levels of Styrene are also considered to be laboratory artifacts resulting from the polystyrene shipping

containers. The sporadic background levels from this source are in the order of 0.05 μ g/L. The value of 0.65 μ g/L reported for the March Site 2 sample was considered by laboratory staff to be unreliable due to suspected contamination as per the remark 'UCS'.

The volatiles listed above are typically found on an occasional basis at other water supplies included on the DWSP, usually at trace levels.

Carbon Tetrachloride was detected at a trace level, in one Site 3 water sample.

Tetrachloroethylene was detected at trace levels, once in the treated water, once in the Site 1 water and twice in the Site 3 water.

THMs are acknowledged to be produced during the water treatment process and will always occur in chlorinated surface waters. THMs are comprised of Chloroform, Chlorodibromomethane and Dichlorobromomethane with Bromoform occurring occasionally. Results are reported for the individual compounds as well as for total THMs.

Chloroform, Chlorodibromomethane, Dichlorobromomethane and Total THMs were always detected in the distributed water. Bromoform was not detected. Total THM occurrences, ranging from 42.8 μ g/L to 284

 μ g/L, were below the ODWO of 350 μ g/L.

CONCLUSIONS

Effective treatment should be provided to ensure safety and consistency in the quality of all waters. The current Ministry policy (\$15-14-01) requires that all surface waters shall use treatment processes consisting of coagulation-flocculation, filtration (or equivalent) and disinfection. Surface supplies without such treatment are subject to contamination with biological organisms, including algae, protozoa and other organisms that can cause taste and odour and other aesthetic problems in the distributed water and potential health problems eg. giardia and cryptosporidia.

While the parameters measured on DWSP may not have exceeded drinking water guidelines, the water produced cannot be considered to be satisfactory until a treatment process appropriate to the source of the supply is applied (see ODWOs, revised 1983, p7).

Marked increases in copper and lead levels in the standing samples and the consistently negative Langelier Index indicate that the addition of sodium carbonate, at the dosages listed, are not adequate for corrosion control.

During 1989, results from the treated and distributed water from the North Bay Water Supply System indicate that the water quality was acceptable for those parameters measured.

RECOMMENDATIONS

1) Corrosion control processes should be reviewed.

TABLE 3

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY WIP SAMPLE DAY CONDITIONS FOR 1989

				TREATHEN	מבינונים כוביוניטר ההמערכי (יומ'ר)
			PRE-CHLORINATION	FLUORIDATION	ALKALINITY ADJUST
	DELAY* TIME(HRS)	FLOW (1000M3)	CHLORINE	HYDROFLUOSILICIC ACID	SODIUM CARBONATE
	.2	26.7	1,95	1.27	6.37
		8	1.74	1.18	7.57
	.2	27.9	1.90	1.20	9.15
	.2	26.2	2.12	1.09	99.99
18	.2	33.4	2.00	1.30	7.25
	.2	56.8	2.16	1.43	8.50
53		30.8	2.01	1.20	9.44
	۲.	30.0	2.10	1.20	9.38
54	.2	27.6	5.09	1.13	5.39
28	.2	27.6	1,52	1.20	5.13
19	.2	29.7	1.90	1.15	4.00

^{*} THE DELAY TIME BETWEEN THE RAW AND TREATED WATER SAMPLING, SHOULD ESTIMATE THE RETENTION TIME.

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY

SUMMARY TABLE OF RESULTS (1989)

					,	00.400		·	CITE 1		C TIE 2			SITE	M	
SCAN	PARAMETER	TOTAL P	POSITIVE TRACE	TRACE	TOTAL	TOTAL POSITIVE	TRACE	TOTAL	TOTAL POSITIVE TRACE	rRACE	TOTAL POSITIVE TRACE	IVE TR	:	TOTAL POSITIVE TRACE	TIVE TI	ACE
BACTEDIOLOGICAL	FECAL COLIFORM MF	5		0				٠	٠							
	STANDED PLATE CHT ME		•	٠	U 1		0	10	٥	0	3	2	0	7	-	0
	TOTAL COLLEGEM ME	· wh	*	0	U 1	0	0	10	2	0	ы	0	0	7	0	0
	T COLIFORM BCKGRD MF		5	0		1	0	10	7	0	m	-	0	7	2	0
ATOTAL SCAN BACTERIOLOGICAL	I OGICAL	3.5	10	0	15	2	0	30	18	0	٥	۳	0	21	٣	0
*TOTAL GROUP BACTERIOLOGICAL	OLOGICAL	#	10	0	15	5 2	0	30	10	0	٥	m .	0	21	m	0
	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9									1			-			
Cuchictor (CID)	FID CHICRINE (COMB)		•	•	•	5 5	0	21		0	9	9	0	12	Ξ	0
CHEMISIKI (150)	ELO CHIODINE ERFE			•	-	5	0	22		0	%	9	0	14	14	0
	SIO CUIDBINE (TOTAL)			•		5 5	0	22		0	9	9	0	14	14	0
	בוס פון			. 0		2	0	22	22	0	9	•	0	14	14	0
	FID TEMPERATURE			0	-	5 5	0	22		0	9	9	0	13	13	0
	FLO TURBIDITY		20	0		5 5	0	9	9	0				٠	٠	•
*10TAL SCAN CHEMISTRY (FLD)	Y (FLD)	15	5 15	0		30 30	0	115	112	0	30	30	0	29	8	0
8 8 9 9 6 9 8 8 8 8 8 8 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 4 8 9 9		1 1	1										•	
CHEMISTRY (LAB)	ALKALINITY		2	0		2	0	22		0 (۰ ۵	۰ ،	0 0	* ;	<u>*</u> ;	0
	CALCTUM		2	0				25	•	> (0 1	0 (-	<u>*</u>	2 0	0 0
	CYANIDE		2 0		_	2	0	-		o (~ 1 ·	- \	> (- ;	2	-
	CHLORIDE		5		_	2	0	22	77	o (٥ ،	۰ ،	> 0	<u>*</u> ÷	* >	0 0
	COLOUR		5 5	0	_	2	2	22		D (۰ ۵	۰ ،	o 0	<u> </u>	<u> </u>	0 0
	CONDUCTIVITY		2		_	2	0	22	22	0	9	0	0	3	*	>

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY

SUMMARY TABLE OF RESULTS (1989)

		SITE																
SCAN	PARAMETER	TOTAL	RAW TOTAL POSITIVE TRACE	E TRAC		TREATED TOTAL POSITIVE TRACE	TVE TR		SI OTAL P	SITE 1 TOTAL POSITIVE TRACE	TRACE	SITE 2 TOTAL POSITIVE TRACE	SITE 2 POSITIVE	TRACE		SITE 3 TOTAL POSITIVE TRACE	TRACE	
CHEMISTRY (LAB)	FLUORIDE	2	0 0	2	0		2	0	22	22	0	9	9	0	14	14	0	
	HARONESS	5		2	0	2	2	0	22	22	0	9	9	0	14	16	0	_
	IONCAL	10		2	0	5	2	0	22	22	0	9	9	0	14	14	0	_
	LANGELIERS INDEX	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	MAGNESIUM	5		2	0	2	2	0	22	22	0	9	9	0	14	14	0	0
	SODIUM	5		2	0	2	5	0	22	22	0	9	9	0	14	14		0
	APPONIUM TOTAL	\$		_	m	2	0	2	22	0	9	9	P)	2	14	PT 1	•	~
	MITRITE	5		2	M	2	2	2	22	7	15	9	2	m	17		5	0
	TOTAL MITRATES	5		2	0	2	2	0	22	22	0	9	9	0	14	14	0	0
	NITROGEN TOT KJELD	10		2	0	\$	2	0	22	22	0	9	9	0	14	14		0
	PH	5		2	0	2	2	0	22	22	0	9	9	0	14	14		0
	PHOSPHORUS FIL REACT	2		0	0	7	2	-	•	•	٠	٠	•	•	٠	•		
	PHOSPHORUS TOTAL	2		0	S	7	2	2	•	٠	٠	٠	•	•	٠	•	·	
	SULPHATE	2		2	0	2	2	0	22	22	0	9	9	0	14	14		0
	TURBIDITY	2		2	0	2	\$	0	22	22	0	9	9	0	14	14		0
*TOTAL SCAN CHEMISTRY (LAB)	(LAB)	100		82	=	96	18	~	385	346	12	105	8	\$	545	218	15	5
METALS	SILVER	\$	1	0	-	8	0	0	22	-	=	9	0		14	0		
	ALUMINUM	\$		2	0	2	2	0	22	22	0	9	9	0	14	14	0	0
	ARSENIC	\$		0	4	2	0	2	22	-	21	9	0			0		4
	BARIUM	2		2	0	2	2	0	22	22	0	9	9	0		14		0
	BORON	2		0	2	2	0	2	22	m	19	9	0	9		0		7
	BERYLLIUM	2		0	-	\$	0	2	22	0	2	9	0				0	r.

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY

SUMMARY TABLE OF RESULTS (1989)

		SITE														
SCAN	PARAMETER	R TOTAL POS	RAW OSITIVE TRACE	RACE	TREATED TOTAL POSITIVE TRACE	TIVE TRA		SITE 1 TOTAL POSITIVE TRACE	IVE TR		SITE STAL POSI	SITE 2 TOTAL POSITIVE TRACE		SITE 3 TOTAL POSITIVE TRACE	E TRA	e e
METALS	CADACA	2	0	-	5	0	-	22	-	8	9	0	м	14	0	7
2000	COBALT	· •	0	L/A	v	-	4	22	0	22	9	0	9	14	0	14
	CHPONTIM	1 10	0	1 197	· •	0	m	22	7	80	9	-	2	14	2	80
	99900		*	-	· •	4	-	22	22	0	9	9	0	14 14	7	0
	NOOL	· •	0	· •	· •	0	S	22	19	-	9	9	0	14	2	11
. **1	MERCIRY	· •	-	~		0	m	10	60	2	m	m	0	7	2	2
. •	MANGANESE	5	S	0	2	5	0	22	20	0	9	9	0	14 1	2	-
	MON YRDENIM	· 10	0	50	5	0	4	22	0	20	9	0	4	14	_	10
	MICKE	10	0	'n	\$	0	5	25	0	=	9	m	m	14	7	10
	T C C C C C C C C C C C C C C C C C C C		2	8	· v	2	2	22	22	0	9	9	0	14 1	71	0
	ANTINONA		4	-	· •	'n	0	25	22	0	9	9	0	14 1	12	2
	SELENCE SELECTION		0	-	· sn	0	0	22	0	13	9	0	•	14	0	2
	STRONTIIM		· •	0	· •	2	0	22	22	0	9	9	0	14 1	71	0
	TITANIEM			0	·	5	0	22	16	9	9	2	4	14 1	12	2
		· •		~	10	-	-	22	2	80	9	0	0	14	0	5
	IDANIIM		0	~	· •	0	0	22	0	Ξ	9	0	m	14	0	7
	VANADITE	· 10	0	~	<u>د</u>	0	~	22	0	14	9	0	0	14	0	13
	ZINC	· •	2	0	\$	2	0	22	25	0	9	•	0	14	14	0
O LATITUM MACO LATORA		120	1,4	51	120	73	97	516	242	180	141	63	87	329 13	132	127
*TOTAL GROUP INORGANIC & PHYSICAL	NIC & PHYSICAL	235	134	95	248	154	53	1016	200	201	276	189	23	641 41		142
									8 8 8			1				
	UEVACUI OBORITADIENE	7		0	2	0	0	=	0	0	m	0	0	7	0	0
CHLOROARONALICS	123 TRICHLOROBENZENE	4	0	0	2	0	0	11	0	0	m	0	0	7	0	0

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY

SUMMARY TABLE OF RESULTS (1989)

		SITE															
SCAN	PARAMETER	TOTAL POSI	RAW POSITIVE TRACE	RACE	TREATED TOTAL POSITIVE TRACE	ED ITTIVE 1	RACE	SITE 1 TOTAL POSITIVE TRACE	SITIVE	TRACE	SITE 2 TOTAL POSITIVE TRACE	2 ITIVE T		SITE 3 TOTAL POSITIVE	E 3 SITIVE	TRACE	
CHLOROAROMATICS	1234 T-CHLOROBENZENE	*	0	0	2	0	0	11	0	0	m	0	0	7	0		_
	1235 T-CHLOROBENZENE	4	0	0	2	0	0	=	0	0	£	0	0	7	0	٥	_
	124 TRICHLOROBENZENE	4	0	0	5	0	0	11	0	0	×	0	0	7	0	0	_
	1245 T-CHLOROBENZENE	4	0	0	2	0	0	=	0	0	×	0	0	7	0		_
	135 TRICHLOROBENZENE	4	0	0	2	0	0	=	0	0	£	0	0	7	0		_
	нсв	4	0	0	5	0	0	11	0	0	£	0	0	7	0		_
	HEXACHLOROETHANE	4	0	0	2	0	0	=	0	0	۳	0	0	7	0		0
	OCTACHLOROSTYRENE	4	0	0	2	0	0	11	0	0	m	0	0	7	0		0
	PENTACHLOROBENZENE	4	0	0	2	0	0	=======================================	0	0	£	0	0	7	0		
	236 TRICHLOROTOLUENE	4	0	0	5	0	0	=	0	0	M	0	0	7	0		
	245 TRICHLOROTOLUENE	4	0	0	2	0	0	=	0	0	m	0	0	7	0		-
	26A TRICHLOROTOLUENE	4	0	0	\$	0	0	=	0	0	m	0	0	7	0	_	-
*TOTAL SCAN CHLOROAROMATICS	OMATICS	26	0	0	70	0	0	154	0	0	75	0	0	98	0	_	
РАН	PHENANTHRENE	2	0	0	2	0	0			•) 1 4 3 0				1 2		
	ANTHRACENE	5	0	0	5	0	0	٠	٠	•	٠	٠		۰	٠		
	FLUORANTHENE	50	0	0	2	0	0	٠	٠	٠	٠	٠		•	٠		
	PYRENE	5	0	0	2	0	0	٠	•	٠	٠	٠	4		٠		
	BENZO(A)ANTHRACENE	5	0	0	2	0	0	٠	٠	٠		٠	٠	٠	•		
	CHRYSENE	5	0	0	~	0	0	٠	٠	٠	٠	٠	۰	٠	٠		
	DIMETH. BENZ(A)ANTHR	M	0	0	m	0	0	٠	٠	٠		٠	٠	٠	٠		
	BENZO(E) PYRENE	50	0	0	2	0	0	•	٠	٠	٠	٠	٠	٠	٠		
	BENZO(B) FLUORANTHEN	5	0	0	\$	0	0	•	٠	٠	٠	•	٠		•		

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY

SUMMARY TABLE OF RESULTS (1989)

		SITE														
SCAN	PARAMETER	RA TOTAL POST	RAW POSITIVE TRACE	RACE	TREATED TOTAL POSITIVE TRACE	ED ITIVE TRA		SITE 1 TOTAL POSITIVE TRACE	E TRACE	SITE 2 TOTAL POSITIVE	2 SITIVE	TRACE	SITE 3 TOTAL POSITIVE		TRACE	
MAG	PERYLENE	2	0	0	2	0	0	5 5 5 5 9 8 8 8 8 8		1 1 1 1 1 1	٠	٠	٠	•	•	
	BENZO(K) FLUORANTHEN	5	0	0	25	0	0	•	•	•	٠	٠	•	•	•	
	BENZO(A) PYRENE	M	0	0	~	0	0			٠	٠	٠	•	٠	•	
	BENZO(G, H, 1) PERYLEN	10	0	0	5	0	0		•	٠	٠	٠	٠	•	•	
	DIBENZO(A, H) ANTHRAC	10	0	0	2	0	0		•		٠	•	٠	•		
	INDENO(1,2,3-C,0) PY	2	0	0	2	0	0			٠	٠	٠	•	٠		
	BENZO(B) CHRYSENE	2	0	0	2	0	0		•	٠	•	,	•	•	٠	
	CORONENE	2	0	0	2	0	0	•		•	٠	•	•	•	٠	
		•	c	c	ā	c	-	c	-	c	Q	0	0	0	0	
TOTAL SCAN PAH		5	•	•	5	•	•	•		•	1					
	ALGO IA	7	0	0	2	0	0	11	0 0	m	0	0	7	0	0	
PESTICIDES & PCB	CHA MAIN	7	0	P ⁿ	· 10	0	-	11	0 8	m	0	2	7	0	2	
	OF THE STATE OF TH	7		0	. sn	0	0	=	0 0	m	0	0	7	0	0	
	INDANE	4	0	0	S	0	0	11	0 0	m	0	0	7	0	0	
	ALPHA CHLORDANE	4	0	0	2	0	0	11	0 0	E.	0	0	7	0	0	
	CAMMA CHI DEDANE	7	0	0	5	0	0	11	0 0	m	0	0	^	0	0	
	DIELOPIN	7	0	0	20	0	0	11	0 0	m	0	0	7	0	0	
	METHOXYCHIOD	4	0	0	5	0	0	11	0 0	~	0	0	7	0	0	
	ENDOSHI FAN 1	4	0	0	5	0	0	11	0 0	m	0	0	7	0	0	
	ENDOSTII FAN 71	7	0	0	10	0	0	11	0 0	r	0	0	7	0	0	
	FINDBIN	7	0	0	5	0	0	11	0 0	m	0	0	7	0	0	
	FUDOSHI FAN SHI PHATE	4	0	0	ın	0	0	11	0 0	m	0	0	7	0	0	
	HEPTACHLOR EPOXIDE	4	0	0	2	0	0	=	0 0	r	0	0	7	0	0	

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY

SUMMARY TABLE OF RESULTS (1989)

		SITE														
			RAM			TREATED		SITE			SITE 2			SITE 3		
SCAN	PARAMETER	TOTAL P	POSITIVE	TRACE		TOTAL POSITIVE	TRACE	TOTAL POSITIVE	IVE TRACE		TOTAL POSITIVE	VE TRACE		TOTAL POSITIVE	IVE TRACE	CE
PESTICIOES & PCB	HEPTACHLOR	4	0	0		5 0	0	=	0	0	ы	0	0	7	0	0
	MIREX	4	0	0	_	5 0	0	1	0	0	m	0	0	7	0	0
	OXYCHLORDANE	4	0	0	_	5 0	0	11	0	0	٣	0	0	7	0	0
	OP00T	4	0	0		5 0	0	=	0	0	r	0	0	7	0	0
	PCB	7	0	0	_	5 0	0	11	0	0	m	0	0	7	0	0
	000	4	0	0		5 0	0	11	0	0	٣	0	0	7	0	0
	PPDOE	4	0	0		5 0	0	11	0	0	m	0	0	7	0	0
	PPDDT	4	0	0	_	5 0	0	11	0	0	m	0	0	7	0	0
	AMETRINE	2	0	0		5 0	0	9	0	0	r	0	0	r	0	0
	ATRAZINE	2	0	0	_	5 0	0	9	0	-	r	0	0	r	0	0
	ATRATONE	5	0	0		5 0	0	9	0	0	r	0	0	M	0	0
	CYANAZINE (BLADEX)	2	0	0	_	5 0	0	9	0	0	m	0	0	m	0	0
	O-ETHYL ATRAZINE	2	0	0	_	5 0	0	9	0	0	٣ì	0	0	m	0	0
	D-ETHYL SIMAZINE	2	0	0	_	5 0	0	9	0	0	m	0	0	m	0	0
	PROMETONE	2	0	0	_	5 0	0	9	0	0	M	0	0	m	0	0
	PROPAZINE	5	0	0	_	5 0	0	9	0	0	m	0	0	m	0	0
	PROMETRYNE	5	0	0	_	5 0	0	9	0	0	~	0	0	m	0	0
	METRIBUZIN (SENCOR)	2	0	0	_	5 0	0	9	0	0	₽	0	0	m	0	0
	SIMAZINE	2	0	0	_	5 0	0	9	0	0	r	0	0	M	0	0
	ALACHLOR (LASSO)	2	0	0	_	0	0	9	0	0	m	0	0	M	0	0
	METOLACHLOR	5	0	0	_	5 0	0	9	0	0	m	0	0	r	0	0
*TOTAL SCAN PESTICIDES & PCB	DES & PCB	149	0	M	-	0 02	-	309	0	٥	102	0	2	186	0	2
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		9 9				1		0 0 0 0 0	1					0 1 1 1 1 1 1		:
PHENOL I CS	PHENOL 1CS	5	М	2		5 3	. 2		•		•	٠				

TABLE 4

ORINKING WATER SURVEILLANCE PROGRAM NORTH BAY

SUMMARY TABLE OF RESULTS (1989)

SCAN	PARAMETER	RA TOTAL POST	RAW	W TIVE TRACE	TOTAL POSITIVE	SITIVE	TRACE	TOTAL POSITIVE	i 1 SITIVE T	TRACE	TOTAL POSITIVE TRACE	TIVE TR		TOTAL POSITIVE IRACE		RACE
*TOTAL SCAN PHENOLICS		\$	m	2	8	m	2	0	0	0	0	0	0	0	0	0
SPECIFIC PESTICIDES TOXAPHENE	TOXAPHENE	*	0	0	5	0	0	=	0	0	m	0	0	_	0	0
*TOTAL SCAN SPECIFIC PESTICIDES	PESTICIDES	4	0	0	8	0	0	=======================================	0	0	M	0	0	~	0	0
TWANTED THE TABLE TO THE TABLE		2	0	0	5	-	-	=	0	0	n	0	0	7	0	
JUNI LES	TOLUENE	· ·	0	0	20	0	2	=	0	m	m	0	2	7	0	1.4
	ETHYLBENZENE	S	0	0	2	0	-	=	0	2	r	0	2	7	0	
	P-XYLENE	2	0	0	٠	0	0	=	c	0	مرو	0	0	7	0	•
		5	0	0	2	0	0	=	0	-	۳	0	0	7	0	
	O-XXI FIRE	· •	0	0	2	0	0	Ξ	0	-	m	a	0	7	0	
	STYDENE	· •	0	-	2	0	2	==	0	40	m	-	2	7	0	
	1.1 DICHLOROETHYLENE	· w	0	0	5	0	0	=	0	0	m	0	0	7	0	0
	METHYLENE CHLORIDE	2	0	0	5	0	0	=	0	0	m	0	0	7	0	0
	T1.201CHLOROETHYLENE	5	0	0	2	0	0	=	0	0	m	0	0	7	0	_
	1.1 DICHLOROETHANE	\$	0	0	2	0	0	=	0	0	M	0	0	_	0	0
	CHLOROFORM	2	0	0	2	2	0	=	=	0	m	M	0	7	_	0
	111. TRICHLOROETHANE	\$	0	0	2	0	0	=	0	0	m	0	0	_	0	0
	1.2 DICHLOROETHANE	5	0	0	2	0	0	Ξ	0	0	m	0	0	7	0	0
	CARRON TETRACHLORIDE	S	0	0	2	0	0	=	0	0	m	0	0	7	0	_
	1.2 DICHLOROPROPANE	S	0	0	\$	0	0	=	0	0	m	0	0	7	0	0
	TO I CHI OPOETHYI ENF	5	0	0	2	0	0	Ξ	0	0	m	0	0	7	0	

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY

SUMMARY TABLE OF RESULTS (1989)

		SITE														
			RAW		TREATED	ED		SITE 1			SITE 2			SITE 3		
SCAN	PARAMETER TOTAL P	TOTAL	TOTAL POSITIVE	TRACE	TOTAL POSITIVE TRACE	ITIVE TR/		TOTAL POSITIVE	IVE TR	TRACE T	TOTAL POSITIVE TRACE	IVE TRA		TOTAL POSITIVE TRACE	IVE TR)CE
VOLATILES	DICHLOROBROMOMETHANE	'n	0	0	~	S	0	11	=	0	m	м	0	7	7	
	112 TRICHLOROETHANE	N.	0	0	2	0	0	=	0	0	m	0	0	7	0	0
	CHLOROD I BROMOMETHANE	50	0	0	2	0	5	11	0	6	m	0	m	7	0	•
	T-CHLOROETHYLENE	2	0	0	S	0	-	=======================================	0	-	m	0	0	7	0	2
,	BROHOFORM	5	0	0	~	0	0	=	0	0	m	0	0	7	0	0
	1122 T-CHLOROETHANE	2	0	0	5	0	0	11	0	0	3	0	0	7	0	0
•	CHLOROBENZENE	5	0	0	2	0	0	=	0	0	м	0	0	7	0	0
	1,4 DICHLOROBENZENE	5	0	0	1	0	0	=======================================	0	0	m	0	0	7	0	0
	1,3 DICHLOROBENZENE	5	0	0	2	0	0	=	0	0	m	0	0	7	0	0
	1,2 DICHLOROBENZENE	2	0	0	S	0	0	11	0	0	ы	0	0	7	0	0
	ETHLYENE DIBROMIDE	5	0	0	S	0	0	=	0	0	M	0	0	7	0	0
	TOTL TRIHALOMETHANES	10	0	0	\$	S	0	11	11	0	m	m	Q	7	7	0
*TOTAL SCAN VOLATILES		145	0	-	145	16	12	319	33	25	87	10	٥	203	21	20
*TOTAL GROUP ORGANIC		077	n	•	924	19	15	293	33	34	234	10	Ξ	767	21	22
									1	1		8 8 8		3 0 0 0 0 0 0 0	1	
TOTAL		9	147	28	739	173	8	1839	75	235	519	202	3	1156	077	3

KEY TO TABLE 5 and 6

- ONTARIO DRINKING WATER OBJECTIVES (ODWO) Α
 - 1. Maximum Acceptable Concentration (MAC)
 - 1+. MAC for Total Trihalomethanes
 - 1*. MAC for Bacteriological Analyses Poor water quality is indicated when:

- total coliform counts > 0 < 5
- P/A Bottle Test is present after 48 hours
- Aeromonas organisms are detected in more than 25% of samples in a single submission or in successive submissions from the same sampling site
- Pseudomonas Aeruginosa, Staphylococcus Aureus and members of the Fecal Streptococcus group should not be detected in any sample

- Standard Plate Count should not exceed 500 organisms per ml at 35 °C within 48 hours

- Interim Maximum Acceptable Concentration (IMAC) 2.
- 3. Maximum Desirable Concentration (MDC)
- Aesthetic or Recommended Operational Guideline
 - hardness levels between 80 and 100 mg/L as calcium carbonate are considered to provide an acceptable balance between corrosion and incrustation, water supplies with a hardness >200 mg/L are considered poor and those in excess of 500 mg/L are unacceptable.
- HEALTH & WELFARE CANADA (H&W) В
 - Maximum Acceptable Concentration (MAC)
 - Proposed MAC 2.
 - Interim MAC 3.
 - Aesthetic Objective (AO) (for xylenes, a total)
- WORLD HEALTH ORGANIZATION (WHO) C
 - 1. Guideline Value (GV)
 - Tentative GV 2.
 - 3. Aesthetic GV
- US ENVIRONMENTAL PROTECTION AGENCY (EPA) D
 - 1. Maximum Contaminant Level (MCL)
 - Suggested No-Adverse Effect Level (SNAEL) 2.
 - 3. Lifetime Health Advisory
 - EPA Ambient Water Quality Criteria 4.
 - Maximum Contaminant Level Goal (MCLG) 5.
- EUROPEAN ECONOMIC COMMUNITY (EEC) F
 - 1. Health Related Guideline Level
 - Aesthetic Guideline Level 2.
 - 3. Maximum Admissable Concentration (MADC)
- CALIFORNIA STATE DEPARTMENT OF HEALTH-GUIDELINE VALUE G
- USSR MAXIMUM PERMISSIBLE CONCENTRATION H
- NEW YORK STATE AMBIENT WATER GUIDELINE I
- NONE AVAILABLE N/A

INTERPRETATION OF DATA

The interpretation of analytical results that are obtained from measurements near the limit of detection of the measurement process is subject to greater uncertainty than those at higher concentrations. The principle areas of concern relate to whether the substance has actually been detected, whether it has been properly identified, and whether it is an artifact of the measurement process. In other words, false positives can be caused by the instrumentation or the test procedures used, when in fact these compounds are not present in the sample.

There are several methods to treat data from such measurements:

1. Exclude the low-level data because of this uncertainty factor.

Studies of long-term environmental trends and modelling may however, be adversely affected by the exclusion of such data.

2. Qualify these data so the user is aware of the greater uncertainty associated with their use.

For the Drinking Water Surveillance Program, measurements near the limit of detection of the measurement process are reported with the code "<T". Results qualified by "W" indicate a zero measurement. These results are reported for purposes of modelling and long-term trend analysis and no significance should be attributed to a single determination of a substance below "T" (a single determination may well be a false positive). Repeat analysis or additional data are needed before it can be stated with certainty that the substance in question was truly present. On the other hand, it is less likely that repeated detection of a substance at or near the limit of detection at a specific location is solely due to an artifact in the measurement system, and more likely represents a true positive. The average of such data however, is still only an estimate of the amount of substance present subject to the possible biases of the method used.

LABORATORY RESULTS, REMARK DESCRIPTIONS

•	No Sample Taken
BDL	Below Minimum Measurable Amount
<t< td=""><td>Greater Than Detection Limit But Not Confident (SEE INTERPRETATION OF RESULTS ABOVE)</td></t<>	Greater Than Detection Limit But Not Confident (SEE INTERPRETATION OF RESULTS ABOVE)
>	Results Are Greater Than The Upper Limit
<=>	Approximate Result
!cs	No Data: Contamination Suspected
!IL	No Data: Sample Incorrectly Labelled
!IS	No Data: Insufficient Sample
!IV	No Data: Inverted Septum
!LA	No Data: Laboratory Accident
!LD	No Data: Test Queued After Sample Discarded

No Data: Laboratory Accident ! LA No Data: Test Queued After Sample Discarded !LD No Data: No Authorization To Perform Reanalysis !NA No Data: No Procedure ! NP No Data: Sample Not Received !NR No Data: Obscured Plate !OP No Data: Quality Control Unacceptable !OU No Data: Procedural Error - Sample Discarded !PE No Data: Sample pH Outside Valid Range !PH No Data: Received Empty !RE No Data: See Attached Report (no numeric results) !RO No Data: Sample Missing !SM No Data: Send Separate Sample Properly Preserved !SS No Data: Indeterminant Interference !UI !TX No Data: Time Expired Approximate, Total Count Exceeded 300 Colonies A3C Additional Peak, Large, Not Priority Pollutant APL Additional Peak, Less Than, Not Priority Pollutant APS Possible Contamination, Improper Cap CIC CRO Calculated Result Only Test Performed On Preserved Sample PPS P and M-Xylene Not Separated RMP Rerun Verification RRV RVU Reported Value Unusual Several Peaks, Small, Not Priority Pollutant SPS Unreliable: Could Not Confirm By Reanalysis UCR Unreliable: Contamination Suspected UCS Unreliable: Indeterminant Interference UIN XP Positive After X Number of Hours

T# (T06) Result Taken After # Hours

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY WIP 1989

				DRINKING WATER S	DRINKING WATER SURVEILLANCE PROGRAM WORTH BAY WIP 1989	AM NORTH BAT WIP	1989		
	WATER TREATMENT PLANT	ENT PLANT		DISTRIBUT	DISTRIBUTION SYSTEM				
	RAW	TREATED	SITE 1		SITE 2		SITE 3		
		S	STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW	
BACTERIOLOG FECAL COLIFORM MF (CT/100ML)	BACTERIOLOGICAL MF (CT/100ML)	GICAL)	DET'N LIMIT = 0	0	GUIDELINE = 0 (A1)	(A1)			
AUG	0	٠	٠		•	•	4	٠	
SEP	0 -	•	•	• (•				
NON	0	• •	• •					•	
DEC	0		0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 1
STANDARD PLATE CNT MF(CT/ML	CNT MF(CT/ML	^	DET'N LIMIT	н	GUIDELINE =				
JAK	٠	٠		47 124	٠	2 4	٠	٠	
M M			٠	72 124	•	10 124	•		
APR			• •	7 <=> 7				•	
HAY		٠	٠	97	4	•	٠	27	, I
ה ה ה		• •	• •	700 A3C		• •	• •		, W
AUG	٠			ICS	٠	•	٠	2	Å
SEP	• •	Ŷ 9 9	• •	C7 240					V
NOV				170			٠	5	Ÿ
DEC	٠	{ => }	•	42	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	" ;
TOTAL COLIFORM MF (CT/100ML	MF (CT/100ML	^	DET'N LIMIT	н	GUIDELINE =				
JAN		٠	٠	0 124	٠	0 124	٠	٠	
E 58			•	0 T24 0 T24		0 124			
APR				0		٠		٠	
. MAY		4	•	0	•	٠	•	0 (
N II			g 8	0 A3C					
AUG		0		SOI	٠	٠	•	0	
SEP	2 A3C	0 0	•	2 4 4 2 5			•	• c	
oct 40%	76 A3C	o c	•	L ASC				0	
NO.	30 20	-	•	0				0	
7	>) 1						9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	

							_	0	0	0		0	0	0
	FREE FLOW				·		111	_	•	_		160	_	
SITE 3	STANDING						•	•	٠	•	•	٠	٠	•
	FREE FLOW		2 124	0 124	0 124	•	٠	٠		٠	•			
SITE 2	STANDING	GUIDELINE =	٠	•		٠	•	٠		•	٠	٠	•	•
	FREE FLOW	DET'N LIMIT =	5 124	0 124	162 124	0	2	٠	1200	SOI	92	< 0072	270	0
SITE 1	STANDING	DET'N	•	•	•	٠		•	•	•	•	•	•	•
TREATED		CT/100ML)	٠	•	•	•	•	•	•	0	0	m	0	0
RAU		COLIFORM BCKGRO MF (CT/100ML	٠		٠			٠		< 0087	2600 A30	1400 A3C	122	80
		T COLIFO	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	00	NON	DEC

CHLORINE (COMB) (MG/L) CHEMISTRY (FLD) DET/N LIMIT = 14M APR APR AUG COT AUG COT AND AND COT AND AND COT AND AND COT AND AND AND AND AND AND AND AN	FLOW200				
LORINE (COMB) (MG/L) DET/N LIMIT	.200	STANDING	FREE FLOW	STANDING	FREE FLOW
6/L)	.200	GUIDELINE ≖	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 d 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
G/L) DET'N LIMIT G/L) DET'N LIMIT (MG/L		.100	.200	٠	٠
G/L)	.200	.100	.200	٠	٠
G/L)	.100	.200	.100	٠	٠
G/L) DET'N LIMIT G/L) DET'N LIMIT (MG/L	.050	•	٠	٠	٠
6/L)			٠	٠	٠
G/L)	•	٠	٠	.300	.300
G/L) . 100 100 100 100	.200	٠	٠	.100	100
G/L) DET'N LIMIT G/L) DET'N LIMIT G/L) DET'N LIMIT (MG/L) DET'N LIMIT 300 330 350 300 350 300 360 360	.100		,	300	300
G/L) DET'N LIMIT G/L) DET'N LIMIT (MG/L	URU	•			
G/L) DET'N LIMIT G/L) DET'N LIMIT 100 100 100 150 150 150 150 15	000	•		• (
G/L)	oco.	٠		000.	001.
G/L)	.050			.200	.200
G/L)	050		٠	. 200	.200
		CUIDELINE =	g a a a a a a a a a a a a a a a a a a a	* d d d d d d d d d d d d d d d d d d d	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	.150	.100	.100	٠	٠
	.150	.100	.100	٠	•
	.200	.100	.100		•
	100		•		•
. 550 . 550 . 550 . 550 . 550 . 300 . 300	300		•	100	100
. 550 . 100 . 550 . 100 . 550 . 100 . 320 . 100 . 450 . 150 . 300 . 150 . 300 . 150 . 300 . 150 . 300 . 150 . 300 . 150 . 300 . 150 . 300 . 300	•		٠	.200	.300
.550 .100 .550 .200 .950 .100 .320 .100 .450 .150 .300 .300 .300 .300 .300 .300 .300 .3	.100	•	٠	.100	.200
(MG/L) DET'N LIMIT (MG/L) DET'N LIMIT (MG/L) .300 .	200	•		200	200
(MG/L) DET'N LIMIT	220				
	450	•	٠	. 000	. 000
(MG/L) DET'N LIMIT (MG/L)	001.		•	007.	002.
(MG/L) DET'N LINIT 300 300 300 .300 .150 .150 .300 .650 .650 .250 .1000	150			. 100	200
(MG/L) DET'N LIMIT300300300500500500500500500500500500500	001.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0		007
		GUIDELINE =			
	.350	.200	.300	٠	•
	.350	.200	.300		•
	.300	.300	.200		•
	.150				
	300	, ,		100	100
	•		•	009	009
	300			200	002
	000	•	•	003.	000.
1.000	200	•		0000	onc.
1.000	000.	٠	•	٠	•
•	.700	٠	٠	.200	300
	.200	٠		.300	007
099	200	,		7007	007

	76				•		000	000	7.000	. 200		.200	7.200	.200		•			•	.000	000.6	11.000	10.000		10.000	9.000	5.000			٠			•	•	•		
	FREE FLOW						7	7	7	7		7	7	7						7	6	11	10		10	9											
SITE 3	STANDING		٠		•		7.000	7.000	7.200	7.200	•	9.800	7.200	9.800		•	•	•	٠	10,000	13.000	14.000	16.000	•	12.000	11.000	•		٠	٠	•	•	•	•	٠	•	٠
	FREE FLOW		7.000	7.200	7.000	٠	٠	٠			•				8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	000-7	7.000	000*7	•	٠	٠	٠	•		•	•	•		•	٠		•				•	٠
SITE 2	STANDING	GUIDELINE =	6.800	7.000	7.000	•	٠	•	٠	٠	•	٠		٠	GUIDELINE =	7.000	6.000	000.6	٠	•	•	٠	٠	•	•			GUIOELINE =	•			٠	•		٠		٠
	FREE FLOW	10	7.200	7.200	7.200	7.000	7.200	•	7.200	7.200	7.200	7.000	7.150	7.200	# -	6.000	7.000	009	2,000	9.000	٠	11.000	10.000	19.000	11.000	8.000	8.000	1 = L	007	009.	.540	.520	•	٠	٠	•	٠
SITE 1	STANDING	DET'N LIMIT	7.200	7.200	7.200	7.000	7.200	٠	7.200	7.200	7.200	7.200	7.050	7.200	DET'N LIMIT	18.000	15.000	18.000	16.500	16.000	٠	17.000	17.000	17.000	16.000	16.000	16.000	DET'N LIMIT	007.	009*	•	٠	•	•	•	٠	٠
TREATED	0 0 0 0 0 0 0 0 0 0 0		•	٠	•	•	٠	•	•	7.200	7.200	7.290	7.250	7.200		•	•	•	٠	•	•	•	9.000	7.000	8.300	3.300	2.200		•	٠			009.	.550	.500	.500	.380
RAW	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MNSLESS)	•	•	٠	•	٠	٠		9.600	6.720	7.000	7.060	7.100	FLD_TEMPERATURE (DEG. C	•	•	•	٠	•	•		000.6	6.100	8.300	3.300	2.200	FLO TURBIGITY (FTU)	٠		•		009.	.550	.500	.500	.380
	1 1 1 1 1 1 1	FLO PH (DMNSLESS)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	100	NOV	OEC	FLO-TEMPE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FLO TURBE	JAN	FE8	MAR	MAY	AUG	SEP	100	NOV	DEC

			STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
ALKALINITY (MG/L	Ö	(LAB)	DET'N LIMIT		GUIDELINE R	6 3 6 9 9 9 9 8 8 8 9 8 8 9 9 9 9 9 9 9 9 9	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0
JAN			20,100	19.200	19.200	19,400	٠	٠
FEB	٠		21.600	20.900	21.400	20.700	٠	٠
MAR	٠	٠	22.200	22.200	22.100	22.500	٠	٠
APR	•	٠	19.900	18.400	•	•		٠
MAY	٠	٠	18.800	18.200	٠		18.500	17.900
NOC		٠	٠				20.000	19,100
JUL		٠	20.400	18.600	٠		19.800	19,600
AUG	13.000	21.700	23.500	23.300	٠		24.000	24,100
SEP	13.000	21,300	22,100	20.800		٠		٠
00.1	13.400	17.000	17.700	17.500	•		20,100	20.500
MOV	13,300	17.100	18.100	17.500			17,500	17 200
DEC	13.600	15.900	17.200	16.700		•	16.600	16.500
CALCIUM (MG/L	(1)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DET'N LIMIT	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	GUIDELINE =	6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 1 0 1 1 1 1 1 1 1 1 1 1
JAN			6.200	9,000	9.400	9.400	۰	٠
FEB	٠	٠	7.000	6.800	7.000	9.400		٠
MAR	٠	٠	8.000	7.800	7.800	8.200		٠
APR		٠	9.600	6.800	٠	٠		•
MAY		•	000.9	5.800	٠	٠	6.200	6.200
JUN		٠	٠	•	٠	٠	6.800	6.800
JUL	٠	٠	6.200	9.000	٠		9.400	6.200
AUG	007.9	6.800	9.000	. 6.200	٠		9.400	6.300
SEP	6.200	7.000	7.000	9.400	٠			•
OCT	9.000	2.400	6.200	5.800	٠		9.600	6.000
NOV	7.000	7.000	7.600	7.400	٠		7.400	7.000
DEC	8.100	8.000	8.500	8.200	٠	٠	7.900	8.300
CHLORIDE (MG/L	י אינ		DET'N LIMIT	1i	GUIDELINE =			3 3 6 6 6 6 6 0 0 0 0
JAN	٠	٠	16.800	16.500	16.500	16.700	٠	•
FE8	٠	٠	18.000	18,000	18.500	17.300	٠	•
MAR			22.500	22.400	22.000	22.100	٠	•
APR	٠	٠	19.400	19.200			•	•
MAY		٠	16.000	16.000	٠		17.500	17,900
JUN			٠	٠		٠	14.200	14,800
JUL		٠	14.600	14.000		٠	14.300	14.500
AUG	12.300	13.600	14.000	13.800			13.600	13.600
SEP	12.300	13.800	14.100	14.000			٠	٠
00.1	13.000	14.400	14.800	14.700		٠	15.200	15,100
NOV	13.200	14.400	14.700	14.700			14,700	14, 700
))	

STANDING
DET'N LIMIT =
2.000
7.500
7.000
9.000
2500
6.500
000.9
2.500
000.9
DET'N LIMIT
135
138
154
143
121
119
125
120
113
116
118
DET'N LIMIT =
1.140
1.120
1.100
1.100
1.120
• (
1.180
1.060
1.040
076
1.080
1,060

				FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
HARONESS (MG/L	16/L)	7)))))))))))))))))))	DET'N LIMIT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CUIDELINE =	9 8 8 8 6 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
JAN		•	23,000	22 000	23 000	27, 000		
FFB			25,000	25 000	26.000	23 000	•	•
MAR	•	• •	28.000	28.000	28,000	28 000	•	•
APR		• •	25.000	25,000				•
MAY	, ,	, ,	22.000	21.000		a	24 000	24 000
NOF		• (•	25 000	24 000
JOF			21,000	15.000			23 000	23 000
AUG	23.000	25.000	22.000	22.000			23.000	23.000
SEP	22.000	25.000	24.000	23.000				
DCT	22.000	21 000	24 000	22 000			000 76	000 66
200	26 000	26 000	27 000	24 000	٠	•	34,000	34,000
PEC	27.600	27 200	28 600	000.63	•	•	26.000	27 800
7. A	0000	207:13	000.03	004.73	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		000.03	000.12
IONCAL (DM	(DMMSLESS)		DET'N LIMIT =	= 114	GUIDELINE =			
JAN		•	1,211	2,832	272 2	809.7		
800	•	•	8 785	0 003	575 0	072 0		•
MAD	•	•	0 258	600.4 AFO 8	0 016	0 121	•	•
200	•	•	300	2000	2	131.7	٠	٠
AVA	•	•	025.	57.5	•	•		
MAT	•	•	005.	515.	٠	•	117.	990.
N	•	•	• • • • • • • • • • • • • • • • • • • •				00.00	101.7
JUL	• !	•	3.091	9.708		٠	1.11.	0.000
AUG	.615	5.571	2.142	5.796			6.154	5.922
SEP	3.180	13.270	5.756	6.533		•	٠	•
OCT	4.209	.776	1.670	.428	•	•	3.334	579.
NOV	.830	6.453	6.957	8.067		٠	5.872	4.887
DEC	2.718	3.652	3.548	4.850	٠	٠	.125	7.00%
IGELIERS	LANGELIERS INDEX (DMNSLESS	S)	DET'N LIMIT	= 11	GUIDELINE =			0 9 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
JAN			-1.958	-1.846	-1.949	-1.834	•	
FFB			-1.565	-1.610	-1.608	-1.650		•
MAD	•		-1 503	-1.614	-1.595	1.596	•	•
ADD	•		-1 680	.1 688			•	•
X X			100.1	200.	•	•		1000
MAY			1.695	7+0.1.	•	•	17971-	\$6/.I.
NO.		•	•		•	•	-1.905	-1.925
JUL	•	•	-1.684	-1.716	•	٠	-1.712	-1.701
AUG	-2.295	-1.637	-1.680	-1.677			-1.562	-1.577
SEP	-2.298	-1.692	-1.677	-1.721			٠	•
TOO	-2.070	-1.900	-1.823	-1.856	٠		-1.674	-1.717
.00	-2 087	-1 875	-1 886	-1.802			-1 852	- 1 8/X
> (2.001	0000	200			0	1100	

			STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
MAGNESIUM (MG/L	/r)		· I	()	GUIDELINE =	6 0 0 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1	P
JAN	٠	٠	1.800	1.800	1.800	2.000	•	٠
FEB		•	1.800	1.900	2.000	1.700	٠	•
MAR		٠	2.000	2.000	2.100	2.000	٠	•
APR		•	2.000	1.900	٠	٠		•
MAY	•	•	1.700	1.600	•	٠	1.700	1.800
NOF		٠	٠	•	٠	٠	1.900	1.800
JUL		•	1.800	1.900	•	٠	1.800	1.800
AUG	1.800	1.800	1.800	1.800	٠	٠	1.800	1.800
SEP	1.500	1.800	1.500	1.600		•	٠	•
100	1.900	1.900	1.900	1.900	•	•	1.800	1.800
NOV	2.000	2.000	2.000	1.900	•	•	1.800	1.900
0EC	1.750	1.750	1.800	1.700	٠	٠	1.750	1.750
SODIUM (MG/L	(2 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DET'N LIMIT =	#	GUIDELINE =	1		
JAN		٠	14.000	13.400	13.400	13.400	•	
FEB		٠	15.200	15.000	15.200	15.200	•	•
MAR	•	٠	18.800	18.600	18.400	18.200	٠	٠
APR	•	•	14.800	14.600	•	٠	•	٠
MAY	•	٠	13.400	13.400	•	•	14.400	14.000
NO.	•				٠	•	12.800	13.600
שר י	• •	• (13.000	12.400	•	•	15.400	15.400
AUG	7.800	13.600	15.000	15.200	•	•	15.400	15.400
	8.000	14.800	14.200	14.200	•	•		. 00 7
	7.800	11.600	11.800	11.800	•		15.400	13.600
	7.600	11.400	11.800	11.800	•	•	11.800	11.600
DEC	6.500	9.700	10.000	10.300		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.800	10.100
AMMONIUM TOTAL (MG/L	((MG/L)		DET'N LIMIT	H	GUIDELINE =			
JAN		•	.736	740.	.130	900.	٠	٠
FEB	•	٠	890.	B01	.114	T> 800.	•	•
MAR	٠		.032	108	.002 <t< td=""><td>BOL</td><td>٠</td><td>•</td></t<>	BOL	٠	•
APR		•	.170	BOL	•		٠	•
MAY			T> 900.	.002 <t< td=""><td>٠</td><td>•</td><td>780.</td><td></td></t<>	٠	•	780.	
JUN	•	•	٠	٠	•	•		. 006 <t< td=""></t<>
ากเ		•	.036	B01	٠	•		
AUG	.002 <t< td=""><td>.002 <t< td=""><td>.230</td><td>. 000 <t< td=""><td>٠</td><td>•</td><td>.002 <t< td=""><td>.004 <t< td=""></t<></td></t<></td></t<></td></t<></td></t<>	.002 <t< td=""><td>.230</td><td>. 000 <t< td=""><td>٠</td><td>•</td><td>.002 <t< td=""><td>.004 <t< td=""></t<></td></t<></td></t<></td></t<>	.230	. 000 <t< td=""><td>٠</td><td>•</td><td>.002 <t< td=""><td>.004 <t< td=""></t<></td></t<></td></t<>	٠	•	.002 <t< td=""><td>.004 <t< td=""></t<></td></t<>	.004 <t< td=""></t<>
SEP	BOL	BOL	.002 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
OCT	.004 <t< td=""><td>.004 <t< td=""><td>.020</td><td>.002 <t< td=""><td></td><td>•</td><td></td><td>.002 <t< td=""></t<></td></t<></td></t<></td></t<>	.004 <t< td=""><td>.020</td><td>.002 <t< td=""><td></td><td>•</td><td></td><td>.002 <t< td=""></t<></td></t<></td></t<>	.020	.002 <t< td=""><td></td><td>•</td><td></td><td>.002 <t< td=""></t<></td></t<>		•		.002 <t< td=""></t<>
NOV	.010	108	T> 400,	108		٠	T> 700°	108
0		-	014	100			140	- 40

FREE FLOW	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	٠	٠	٠	٠	900.			1> 700°			1> 200.	000		•		• •		.330	. 290	.275	.235		.225	.200	.225	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			٠	٠	.240	.170	. 190	.180		.210	.300	. 180
SITE 3 STANDING	. 2 d d d 2 e e e e e e e e e e e e e e e	٠	•	٠	٠	500.			1> 700°			1> 500.			٠	•	• •		.500	.335	.300	.210	•	.250	.300	.250		٠	۰	٠	٠	.390	.240	.220	.180		.290	. 280	.170
FREE FLOW	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.004 <t< td=""><td>T> 100.</td><td>200.</td><td>٠</td><td>٠</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td></td><td></td><td>.235</td><td>. 280</td><td>.350</td><td></td><td>• •</td><td>•</td><td>•</td><td>•</td><td></td><td></td><td></td><td>•</td><td></td><td>.270</td><td>.210</td><td>.270</td><td>٠</td><td>٠</td><td>•</td><td>٠</td><td>٠</td><td>•</td><td></td><td>٠</td><td></td></t<>	T> 100.	200.	٠	٠	•	•	•	•	•	•			.235	. 280	.350		• •	•	•	•				•		.270	.210	.270	٠	٠	•	٠	٠	•		٠	
SITE 2 STANDING	GUIDELINE =	.005	.001 <t< td=""><td>800.</td><td>٠</td><td>•</td><td>•</td><td>•</td><td></td><td>•</td><td></td><td>•</td><td>•</td><td>GUIDELINE =</td><td>.335</td><td>527</td><td>355</td><td></td><td>•</td><td>• •</td><td>•</td><td>٠</td><td>•</td><td>٠</td><td></td><td>•</td><td>GUIDELINE =</td><td>.320</td><td>.410</td><td>.270</td><td>•</td><td></td><td>٠</td><td>٠</td><td>•</td><td>•</td><td>٠</td><td></td><td>•</td></t<>	800.	٠	•	•	•		•		•	•	GUIDELINE =	.335	527	355		•	• •	•	٠	•	٠		•	GUIDELINE =	.320	.410	.270	•		٠	٠	•	•	٠		•
FREE FLOW	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	. 003 <t< td=""><td>.001 <t< td=""><td>200.</td><td>.003 <t< td=""><td>900.</td><td></td><td>.003 <t< td=""><td></td><td></td><td></td><td>. 200.</td><td>900.</td><td>11</td><td>.245</td><td>. 285</td><td>.350</td><td>007</td><td>.315</td><td>!</td><td>.270</td><td>. 230</td><td>.320</td><td>.195</td><td>.210</td><td>.235</td><td></td><td>.240</td><td>.280</td><td>.260</td><td>.280</td><td>.250</td><td>٠</td><td>.180</td><td>.180</td><td>. 190</td><td>.210</td><td>.210</td><td>.170</td></t<></td></t<></td></t<></td></t<>	.001 <t< td=""><td>200.</td><td>.003 <t< td=""><td>900.</td><td></td><td>.003 <t< td=""><td></td><td></td><td></td><td>. 200.</td><td>900.</td><td>11</td><td>.245</td><td>. 285</td><td>.350</td><td>007</td><td>.315</td><td>!</td><td>.270</td><td>. 230</td><td>.320</td><td>.195</td><td>.210</td><td>.235</td><td></td><td>.240</td><td>.280</td><td>.260</td><td>.280</td><td>.250</td><td>٠</td><td>.180</td><td>.180</td><td>. 190</td><td>.210</td><td>.210</td><td>.170</td></t<></td></t<></td></t<>	200.	.003 <t< td=""><td>900.</td><td></td><td>.003 <t< td=""><td></td><td></td><td></td><td>. 200.</td><td>900.</td><td>11</td><td>.245</td><td>. 285</td><td>.350</td><td>007</td><td>.315</td><td>!</td><td>.270</td><td>. 230</td><td>.320</td><td>.195</td><td>.210</td><td>.235</td><td></td><td>.240</td><td>.280</td><td>.260</td><td>.280</td><td>.250</td><td>٠</td><td>.180</td><td>.180</td><td>. 190</td><td>.210</td><td>.210</td><td>.170</td></t<></td></t<>	900.		.003 <t< td=""><td></td><td></td><td></td><td>. 200.</td><td>900.</td><td>11</td><td>.245</td><td>. 285</td><td>.350</td><td>007</td><td>.315</td><td>!</td><td>.270</td><td>. 230</td><td>.320</td><td>.195</td><td>.210</td><td>.235</td><td></td><td>.240</td><td>.280</td><td>.260</td><td>.280</td><td>.250</td><td>٠</td><td>.180</td><td>.180</td><td>. 190</td><td>.210</td><td>.210</td><td>.170</td></t<>				. 200.	900.	11	.245	. 285	.350	007	.315	!	.270	. 230	.320	.195	.210	.235		.240	.280	.260	.280	.250	٠	.180	.180	. 190	.210	.210	.170
SITE 1 STANDING FI	DET'N LIMIT =	.005	.002 <t< td=""><td></td><td>T> 200.</td><td>600°</td><td></td><td></td><td></td><td></td><td></td><td>> 500.</td><td>con.</td><td>DET'N LIMIT =</td><td>1.240</td><td>527</td><td>507</td><td>089</td><td>.320</td><td></td><td>.325</td><td>.560</td><td>.330</td><td>,220</td><td>.390</td><td>.300</td><td>DET'N LIMIT</td><td>096.</td><td>.390</td><td>.340</td><td>.620</td><td>,320</td><td>٠</td><td>007.</td><td>.540</td><td>.210</td><td>.260</td><td>.250</td><td>.250</td></t<>		T> 200.	600°						> 500.	con.	DET'N LIMIT =	1.240	527	507	089	.320		.325	.560	.330	,220	.390	.300	DET'N LIMIT	096.	.390	.340	.620	,320	٠	007.	.540	.210	.260	.250	.250
TREATED	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	٠		•	•		•		1 100.	801		> 200.	500.		٠	•	• •	•	• •		• •	230	300	195	.200	.240	9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	٠	٠	•	•		٠	•	.170	.220	.240	.220	.170
Z A A	יע)	•	٠	•	٠		•				. 00%	900.	con.	TES (MG/L)	٠							572	315	.185	.220	.240	NITROGEN TOT KJELD (MG/L		•	•	•	•	•	•	.180	. 190	.250	.240	.180
	NITRITE (MG/L	JAN	FEB	MAR	APR	MAY	NOS	105	AUG	SEP	50	AGA CEC	200	TOTAL NITRATES (MG/L	NAC	FFB	MAR	APR	¥ X	MIN	JUL	AHG	SEP	0CT	MOV	DEC	NITROGEN TO	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	100	NOV	DEC

		STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
PH (DMNSLESS)		DET'N LIMIT	- LIK	GUIDELINE =	0 7 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
JAN .	٠	7.320	7.460	7,330	7.440	•	
FEB .	•	7.630	7.610	7.590	7.600	•	
MAR .	•	7.540	7.530	7.550	7.520		٠
APR .	•	7.570	7.590			٠	•
MAY .	•	7.420	7.500			7.490	7.530
. NOT	•	٠	٠		•	7.330	7.330
	•	7.580	7.600	٠		7.550	7.580
AUG 7.140	7.560	7.540	7.530	•	•	7.620	7.610
	7.500	7.500	7.520		•		
OCT 7.380	7.500	7.500	7.500		,	7 570	7 560
	057 2	7 1/0	03/ 2	•	٠	000	27.7
DEC 7.460	7.510	7.520	7.520	• •		7.530	7.520
י וור אבאני נחטירו	,	UCI'N CIRII	IC.	COIDELINE = N/A	¥/k		
AUG BOL	,000	٠			•	•	•
	1	•	•			•	
	. 200	•	•	•	•	•	•
	500.	•	•	•	•		•
	.001 <t< td=""><td>• (</td><td></td><td>•</td><td>B 1</td><td>•</td><td>•</td></t<>	• (•	B 1	•	•
		5 8 8 8 8 8					
PHOSPHORUS TOTAL (MG/L	^	DET'N LIMIT	.IMIT = .002	GUIDELINE = .	.40 (F2)		
AUG . 005 <t< td=""><td>.010</td><td>٠</td><td>٠</td><td>٠</td><td>٠</td><td>٠</td><td>•</td></t<>	.010	٠	٠	٠	٠	٠	•
	٠	٠	٠				•
	T> 700.	•	•	٠	•	•	•
	.012		•	•		•	
700	1> 600°	•			•		• •
SULPHATE (MG/L)		DET'N LIMIT	H LIWI	GUIDELINE =	5 8 8 9 9 9 1 1 1 8 8 8 9 9 9 9 9 9 9 9 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
JAN	•	098.9	072.9	7,310	076.9	•	
	•	072.7	5,150	7,800	4.780		
MAR	•	7.640	7.220	7.290	7.350	•	
0	•	7 320	7 300			•	•
	•	071 8	8 140		•	8 650	8 680
	•			•	•	077.8	8 110
	•	7 200	076 2			2 400	7 7.40
41G 0 010	070 0	0/3.0	050 8		•	0 270	080
	210	8 070	057.0		•	217.	000.0
	0.2.0	0.00	007 0	•	•	. 007 8	. 77 0
	0,00	0.010	0.400			0.000	00.00
NUV 8.63U	0.740	0.000	00.130	•	•	0.50.9	V. 140

DISTRIBUTION SYSTEM

THEREFOLY (FILL)	ITY (FTU			STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
		^		DET'N LIMIT		GUIDELINE =	8 8 9 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 1 1 1 2
	AN	•	٠	.850	.470	.850	076	,	,
. 1.270 .770 .770 .770 .770 .770 .770 .770	E8	٠	•	.840	.800	096	.410	•	• •
1.240 .850 .910 .900 .900 .900 .900 .900 .900 .90	4R	•	٠	.710	.780	062	062	,	
	26	٠	•	1.240	.850				,
1.000 RRV 1.410	1,Y		•	.880	.910	•		006	
1,1 1, 13.0	N		•	٠	٠	٠		1.080 RRV	
. 500	٦٢	٠		.870	069.	٠		.880	
. \$500 . \$640 . \$710 . \$820	JG DG	.410	.380	089.	025			250	009
. 850 . 860 . 900 . 900 . 910 . 910 . 920	اله	.500	099*	.710	.820	٠			
.510 .500 .570	-	.820	009	730	929		•	. 000	. 044
370 350 350 350 350 350	20	510	007	009	570	•	•	1 230	099
	ပ	.370	.360	059.	.500	• •	• 3	.510	250.

FREE FLOW

STANDING

FREE FLOW

STANDING

FREE FLOW

STANDING

SITE 3

SITE 2

SITE 1

TREATED

RAW

DISTRIBUTION SYSTEM

WATER TREATMENT PLANT

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY WTP 1989

24 C PN	
200000000	
	2

	RAN	TREATED	SITE 1		SITE 2		SITE 3	
			STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
	METALS	2 1 1 5 5 6 6 6 8 8						
SILVER (•			DET'N LIMIT =	GUIDELINE =			
2		,	.590	T> 040.	. 190 <t< td=""><td>BOL</td><td>٠</td><td>•</td></t<>	BOL	٠	•
200	•	•	1> 062.	.030 <1	.140 <t< td=""><td>BOL</td><td>٠</td><td>٠</td></t<>	BOL	٠	٠
2 4	•	•	1> 070.		.240 <t< td=""><td>BOL</td><td>٠</td><td>•</td></t<>	BOL	٠	•
A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	•	•	7> 022.			٠	٠	•
APK	•	•	270 <1	•	•	٠	108 100	108
MAT	•	•			٠	•	BOL	.030 <1
NOT	•	•	. 02.0	. 5		٠	BOL	BOL
JUL	•		1> 0/7		•	•	IGN	BOL
AUG	.040 <t< td=""><td>108</td><td>1> 091.</td><td></td><td>•</td><td></td><td></td><td></td></t<>	108	1> 091.		•			
SED SED	801	BOL	BOL	108	•			- 000
	108	BOL	1> 030 <1	108	•	•	30.	80.
701	108	108	T> 050.	108	•	•	108	300
DEC	BOL	6 00	108	108	•		TOP	3
ALUMINUM ((8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	6 1 1 1 1 1 5 2 6 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	DET'N LIMIT =	GUIDELINE *			
			11,600	11.484	10.788	11.484	•	٠
NYC	•	•	0 280	8.816	6.744	9.3%	•	•
F 68	•	•	16.240	16.240	23.200	16.240	•	•
MAR	•	•	22.040	25.520	•	•		•
APR		•	27. 370	23 200			33.640	35.960
MAY		•	74.300	63.60	•		15.000	20.000
NOC	•		•		•	•	20.000	19.000
TOP	•	•	17.000	17.000	•	•	30 000	11 000
AIIG	14,000	11.000	12.000	11.000	•	•	20.000	
SEP	11,000	12.000	12.000	12.000	٠	•	. 000	. 500
J. L	7.800	7.400	14.000	11.000	•	•	000.11	000.01
	000	000	11 000	11,000	•		000.11	10.000

TABLE 5

ORINKING WATER SURVEILLANCE PROGRAM NORTH BAY WTP 1989

		Y	WATER TREATMENT PLANT	IMT	1810	DISTRIBUTION SYSTEM		
S	SITE	TREATED	SITE 1		SITE 2		SITE 3	
	TYPE		STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
DEC	8.600	6.300	2.300	3.900	٠	•	9.700	12.000
ARSENIC (^			DET'N LIMIT =	GUIDELINE =	1 1 1 1 0 9 0 0 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
JAN		•	1> 041.	.260 <t< td=""><td>.450 <t< td=""><td>.520 <7</td><td>٠</td><td>٠</td></t<></td></t<>	.450 <t< td=""><td>.520 <7</td><td>٠</td><td>٠</td></t<>	.520 <7	٠	٠
FEB	•		.800 <t< td=""><td>₹> 059.</td><td>T> 080.</td><td>.800 <t< td=""><td></td><td></td></t<></td></t<>	₹> 059.	T> 080.	.800 <t< td=""><td></td><td></td></t<>		
MAR	٠	•	T> 089.	1,100	.710 <t< td=""><td>7> 067.</td><td>٠</td><td></td></t<>	7> 067.	٠	
APR	ь	•	T> 044.	1> 067.	٠	•	٠	٠
MAY	•	•	T> 089.	T> 048.		•	.930 <t< td=""><td>.850 <t< td=""></t<></td></t<>	.850 <t< td=""></t<>
JUN	•	٠	•	•		٠	T> 094.	T> 010.
JUL	٠		.080 <t< td=""><td>.500 <t< td=""><td>٠</td><td>٠</td><td>.230 <₹</td><td>T> 098.</td></t<></td></t<>	.500 <t< td=""><td>٠</td><td>٠</td><td>.230 <₹</td><td>T> 098.</td></t<>	٠	٠	.230 <₹	T> 098.
AUG	.370 <t< td=""><td>T> 086.</td><td>T> 0%.</td><td>.790 <1</td><td>٠</td><td>٠</td><td>7> 078.</td><td>.830 <t< td=""></t<></td></t<>	T> 086.	T> 0%.	.790 <1	٠	٠	7> 078.	.830 <t< td=""></t<>
SEP	1> 055	.580 <t< td=""><td>.500 <t< td=""><td>1> 05°.</td><td></td><td>٠</td><td>•</td><td>•</td></t<></td></t<>	.500 <t< td=""><td>1> 05°.</td><td></td><td>٠</td><td>•</td><td>•</td></t<>	1> 05°.		٠	•	•
OCT	BOL	.270 <1	T> 067.	.500 <t< td=""><td></td><td>٠</td><td>.550 <f< td=""><td>.310 <t< td=""></t<></td></f<></td></t<>		٠	.550 <f< td=""><td>.310 <t< td=""></t<></td></f<>	.310 <t< td=""></t<>
MOV	.150 <t< td=""><td>.510 <t< td=""><td>T> 077.</td><td>1> 067</td><td></td><td>٠</td><td>.530 <t< td=""><td>7> 0450 <t< td=""></t<></td></t<></td></t<></td></t<>	.510 <t< td=""><td>T> 077.</td><td>1> 067</td><td></td><td>٠</td><td>.530 <t< td=""><td>7> 0450 <t< td=""></t<></td></t<></td></t<>	T> 077.	1> 067		٠	.530 <t< td=""><td>7> 0450 <t< td=""></t<></td></t<>	7> 0450 <t< td=""></t<>
DEC	.140 <t< td=""><td>.320 <</td><td>.250 <t< td=""><td>.310 <t< td=""><td>٠</td><td>٠</td><td>.430 <7</td><td>.370 <7</td></t<></td></t<></td></t<>	.320 <	.250 <t< td=""><td>.310 <t< td=""><td>٠</td><td>٠</td><td>.430 <7</td><td>.370 <7</td></t<></td></t<>	.310 <t< td=""><td>٠</td><td>٠</td><td>.430 <7</td><td>.370 <7</td></t<>	٠	٠	.430 <7	.370 <7
ARIUM C	^			DET'N LIMIT =	GUIDELINE =	e d d d d d d d d d d d d d d d d d d d	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	. 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
JAN	•	٠	18.000	16.000	17.000	16.000	٠	٠
FEB		٠	18.000	16.000	18.000	17.000	٠	٠
MAR	٠	٠	17.000	17.000	18.000	18.000	٠	
APR	•		20.000	18.000				
HAY	•	٠	15.000	16.000	٠	٠	17.000	17.000
NOR		•	•	٠	٠	٠	16.000	14.000
JUL	٠		17.000	17.000			17.000	17.000
AUG	15.000	15.000	16.000	15.000		•	14.000	14.000
SEP	16.000	16.000	19.000	18.000	•			٠

TABLE 5

		C	WATER TREATMENT PLANT		DISIO	DISTRIBUTION STRIEN		
SITE	ju.							
	RAU	TREATED	SITE 1		SITE 2		SITE 3	
TYPE	w.		STAMDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
001	16.000	16.000	14.000	14.000	•	٠	16.000	14.000
NOV	16.000	15.000	15.000	14.000	• •		15.000	14.000
BORON (~	8 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OET'H LIMIT =	GUIDELINE =	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
NAU	•	•	14.000 <t< td=""><td>8.000 <t< td=""><td>6.400 <t< td=""><td>20.000 <t< td=""><td>٩</td><td>•</td></t<></td></t<></td></t<></td></t<>	8.000 <t< td=""><td>6.400 <t< td=""><td>20.000 <t< td=""><td>٩</td><td>•</td></t<></td></t<></td></t<>	6.400 <t< td=""><td>20.000 <t< td=""><td>٩</td><td>•</td></t<></td></t<>	20.000 <t< td=""><td>٩</td><td>•</td></t<>	٩	•
FEB	•	٠	17.000 <t< td=""><td>16.000 <t< td=""><td>11.000 <t< td=""><td>14,000 <t< td=""><td>٠</td><td>•</td></t<></td></t<></td></t<></td></t<>	16.000 <t< td=""><td>11.000 <t< td=""><td>14,000 <t< td=""><td>٠</td><td>•</td></t<></td></t<></td></t<>	11.000 <t< td=""><td>14,000 <t< td=""><td>٠</td><td>•</td></t<></td></t<>	14,000 <t< td=""><td>٠</td><td>•</td></t<>	٠	•
MAR	٠	•	14.000 <t< td=""><td>9.100 <t< td=""><td>6.600 <t< td=""><td>7.000 <t< td=""><td>•</td><td>•</td></t<></td></t<></td></t<></td></t<>	9.100 <t< td=""><td>6.600 <t< td=""><td>7.000 <t< td=""><td>•</td><td>•</td></t<></td></t<></td></t<>	6.600 <t< td=""><td>7.000 <t< td=""><td>•</td><td>•</td></t<></td></t<>	7.000 <t< td=""><td>•</td><td>•</td></t<>	•	•
APR	٠	٠	14.000 <t< td=""><td>11.000 <t< td=""><td>٠</td><td>٠</td><td>•</td><td></td></t<></td></t<>	11.000 <t< td=""><td>٠</td><td>٠</td><td>•</td><td></td></t<>	٠	٠	•	
MAY			29.000	7.100 <t< td=""><td>٠</td><td></td><td>7.200 <1</td><td>6.300</td></t<>	٠		7.200 <1	6.300
NOC			٠	٠	٠	٠	9.100 <t< td=""><td>9.700</td></t<>	9.700
JUL	٠	٠	31.000	11.000 <t< td=""><td>٠</td><td>•</td><td></td><td>11.000</td></t<>	٠	•		11.000
AUG	15.000 <t< td=""><td>13.000 <t< td=""><td>21.000</td><td>15.000 <t< td=""><td></td><td>•</td><td>11.000 <1</td><td>11.000</td></t<></td></t<></td></t<>	13.000 <t< td=""><td>21.000</td><td>15.000 <t< td=""><td></td><td>•</td><td>11.000 <1</td><td>11.000</td></t<></td></t<>	21.000	15.000 <t< td=""><td></td><td>•</td><td>11.000 <1</td><td>11.000</td></t<>		•	11.000 <1	11.000
SEP	10.000 <t< td=""><td>11.000 <t< td=""><td>12.000 <t< td=""><td>9.600 <t< td=""><td></td><td></td><td>•</td><td></td></t<></td></t<></td></t<></td></t<>	11.000 <t< td=""><td>12.000 <t< td=""><td>9.600 <t< td=""><td></td><td></td><td>•</td><td></td></t<></td></t<></td></t<>	12.000 <t< td=""><td>9.600 <t< td=""><td></td><td></td><td>•</td><td></td></t<></td></t<>	9.600 <t< td=""><td></td><td></td><td>•</td><td></td></t<>			•	
100	8.800 <t< td=""><td>9,000 <t< td=""><td>11.000 <t< td=""><td>9.000 <t< td=""><td>•</td><td></td><td>8.500 <t< td=""><td>8.900</td></t<></td></t<></td></t<></td></t<></td></t<>	9,000 <t< td=""><td>11.000 <t< td=""><td>9.000 <t< td=""><td>•</td><td></td><td>8.500 <t< td=""><td>8.900</td></t<></td></t<></td></t<></td></t<>	11.000 <t< td=""><td>9.000 <t< td=""><td>•</td><td></td><td>8.500 <t< td=""><td>8.900</td></t<></td></t<></td></t<>	9.000 <t< td=""><td>•</td><td></td><td>8.500 <t< td=""><td>8.900</td></t<></td></t<>	•		8.500 <t< td=""><td>8.900</td></t<>	8.900
MOV	9.100 <t< td=""><td>7.600 <t< td=""><td>7.700 <t< td=""><td>7.500 <t< td=""><td>٠</td><td>•</td><td>9.000 <t< td=""><td>7.000</td></t<></td></t<></td></t<></td></t<></td></t<>	7.600 <t< td=""><td>7.700 <t< td=""><td>7.500 <t< td=""><td>٠</td><td>•</td><td>9.000 <t< td=""><td>7.000</td></t<></td></t<></td></t<></td></t<>	7.700 <t< td=""><td>7.500 <t< td=""><td>٠</td><td>•</td><td>9.000 <t< td=""><td>7.000</td></t<></td></t<></td></t<>	7.500 <t< td=""><td>٠</td><td>•</td><td>9.000 <t< td=""><td>7.000</td></t<></td></t<>	٠	•	9.000 <t< td=""><td>7.000</td></t<>	7.000
DEC	11.000 <t< td=""><td>8.600 <t< td=""><td>B.000 <t< td=""><td>6.900 <1</td><td>• 10</td><td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>7.300 <t< td=""><td>10.000</td></t<></td></t<></td></t<></td></t<>	8.600 <t< td=""><td>B.000 <t< td=""><td>6.900 <1</td><td>• 10</td><td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>7.300 <t< td=""><td>10.000</td></t<></td></t<></td></t<>	B.000 <t< td=""><td>6.900 <1</td><td>• 10</td><td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>7.300 <t< td=""><td>10.000</td></t<></td></t<>	6.900 <1	• 10	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7.300 <t< td=""><td>10.000</td></t<>	10.000
BERYLLIUM (DET'N LIMIT =	GUIDELINE =			
JAN	٠	٠	BOL	108	BOL	BOL	•	
FEB	•	•	T> 050.	BOL	BDL	T> 070.	•	
MAR	٠	٠	BOL	T> 041.	108	. 150 <t< td=""><td>•</td><td></td></t<>	•	
APR	٠	•	BOL	.210 <t< td=""><td>•</td><td>٠</td><td>٠</td><td></td></t<>	•	٠	٠	
MAY	٠	٠	BOL	BOL	٠	•	BOL	BOL
NOC	•		•				. 050 <t< td=""><td>BDL</td></t<>	BDL
HH			ina	ica			BOI	IGR

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM MORTH BAY WTP 1989

		Y	מעורע וערעועראו גרטאו	_		DISTRIBUTION SISTER		
SITE								
TYDE	RAW	TREATED	SITE 1		SITE 2		SITE 3	
			STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
AUG	108	.080 <t< td=""><td>T> 050.</td><td>BOL</td><td>٠</td><td>٠</td><td>T> 050.</td><td>80L</td></t<>	T> 050.	BOL	٠	٠	T> 050.	80L
SEP	.020 <t< td=""><td>.030 <t< td=""><td>.020 <t< td=""><td>BOL</td><td>٠</td><td></td><td>•</td><td>٠</td></t<></td></t<></td></t<>	.030 <t< td=""><td>.020 <t< td=""><td>BOL</td><td>٠</td><td></td><td>•</td><td>٠</td></t<></td></t<>	.020 <t< td=""><td>BOL</td><td>٠</td><td></td><td>•</td><td>٠</td></t<>	BOL	٠		•	٠
100	BOL	80F	100	BOL	٠	,	BOL	BOL
NOV	BOL	BOL	BOL	BOL	٠	٠	BOL	BOL
DEC	BOL	BOL	BOL	BOL	٠	•	T> 080.	BOL
CADHIUM (^	6 0 0 6 6 6 6 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DET'N LIMIT =	GUIDELINE =	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 5 6 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
JAN	٠	٠	T> 070.	B01	1> 070.	BOL	٠	٠
FEB	٠	٠	108	BOL	.330 <t< td=""><td>BOL</td><td>٠</td><td>٠</td></t<>	BOL	٠	٠
MAR	٠	٠	BOL	80F	.300 <t< td=""><td>BOL</td><td>٠</td><td>٠</td></t<>	BOL	٠	٠
APR	٠	•	.260 <₹	80F	٠		٠	•
MAY	٠	٠	T> 011.	BOL	٠	٠	.300 <t< td=""><td>.250 <t< td=""></t<></td></t<>	.250 <t< td=""></t<>
NOC	٠	•	٠	•	٠	٠	.230 <t< td=""><td>BOL</td></t<>	BOL
JUL			.350 <t< td=""><td>BOL</td><td></td><td>٠</td><td>T> 011.</td><td>T> 090.</td></t<>	BOL		٠	T> 011.	T> 090.
AUG	BOL	BOL	0.470	BOL		٠	BOL	BOL
SEP	BOL	.060 <t< td=""><td>.300 <t< td=""><td>BOL</td><td>٠</td><td>٠</td><td>٠</td><td>٠</td></t<></td></t<>	.300 <t< td=""><td>BOL</td><td>٠</td><td>٠</td><td>٠</td><td>٠</td></t<>	BOL	٠	٠	٠	٠
OCT	BOL	BOL	.080 <t< td=""><td>108</td><td>٠</td><td>٠</td><td>BOL</td><td>T> 070.</td></t<>	108	٠	٠	BOL	T> 070.
NOV	BOL	BOL	T> 041.	108	٠	•	T> 070.	HOL
DEC	. 180 <t< td=""><td>BOL</td><td>T> 070.</td><td>108</td><td>•</td><td>•</td><td>BOL</td><td>log I</td></t<>	BOL	T> 070.	108	•	•	BOL	log I
COBALT (^			DET'N LIMIT =	GUIDELINE =			
JAN	•		T> 099.	T> 001.	T> 055.	. 120 <t< td=""><td>٠</td><td>•</td></t<>	٠	•
FEB	٠	•	.150 <t< td=""><td>.130 <t< td=""><td>.300 <1</td><td>T> 001.</td><td></td><td></td></t<></td></t<>	.130 <t< td=""><td>.300 <1</td><td>T> 001.</td><td></td><td></td></t<>	.300 <1	T> 001.		
MAR	٠	٠	170 <t< td=""><td>. 190 <t< td=""><td>T> 072.</td><td>7≻ 061.</td><td></td><td>٠</td></t<></td></t<>	. 190 <t< td=""><td>T> 072.</td><td>7≻ 061.</td><td></td><td>٠</td></t<>	T> 072.	7≻ 061.		٠
APR	٠	•	T> 097.	. 160 <t< td=""><td>•</td><td>•</td><td>٠</td><td></td></t<>	•	•	٠	
MAY		٠	.240 <t< td=""><td>.250 <t< td=""><td></td><td>٠</td><td>.330 <t< td=""><td>. 290 <1</td></t<></td></t<></td></t<>	.250 <t< td=""><td></td><td>٠</td><td>.330 <t< td=""><td>. 290 <1</td></t<></td></t<>		٠	.330 <t< td=""><td>. 290 <1</td></t<>	. 290 <1

TABLE 5

SITE	RAN	TREATED	SITE 1		SITE 2		SITE 3	
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
NO.	•	•	٠	•		•	T> 012.	.210
JUL	•	٠	7> 0%2.	.230 <t< td=""><td></td><td>•</td><td>.300 <t< td=""><td>.280</td></t<></td></t<>		•	.300 <t< td=""><td>.280</td></t<>	.280
AUG	.100 <t< td=""><td>T> 090.</td><td>T> 011.</td><td>.130 <t< td=""><td>٠</td><td>•</td><td>1> 011.</td><td>060.</td></t<></td></t<>	T> 090.	T> 011.	.130 <t< td=""><td>٠</td><td>•</td><td>1> 011.</td><td>060.</td></t<>	٠	•	1> 011.	060.
SEP	.070 <t< td=""><td>.100 <t< td=""><td>T> 080.</td><td>T> 070.</td><td>•</td><td></td><td>٠</td><td>•</td></t<></td></t<>	.100 <t< td=""><td>T> 080.</td><td>T> 070.</td><td>•</td><td></td><td>٠</td><td>•</td></t<>	T> 080.	T> 070.	•		٠	•
0CT	T> 095.	.200 <t< td=""><td>.220 <₹</td><td>1> 001.</td><td>•</td><td>٠</td><td>.090 ×1</td><td>080</td></t<>	.220 <₹	1> 001.	•	٠	.090 ×1	080
NOV	T> 0\$4.	.130 <t< td=""><td>T> 004.</td><td>·</td><td>٠</td><td>٠</td><td>T> 080.</td><td>.100</td></t<>	T> 004.	·	٠	٠	T> 080.	.100
DEC	T> 090.	1.300	.290 <⊺	.250 <t< td=""><td>٠</td><td>•</td><td>1> 041.</td><td>.110</td></t<>	٠	•	1> 041.	.110
CHROMIUM (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DET'N LIMIT =	GUIDELINE =			
NAL	٠	٠	1> 004.	108	BOL	.820 <t< td=""><td>ø</td><td></td></t<>	ø	
FEB	•	٠	T> 035.	1.200	. 770 <t< td=""><td>2.300</td><td>•</td><td></td></t<>	2.300	•	
MAR	٠	٠	108	108	108	BOL	•	·
APR	٠	٠	T> 046.	T> 099.	٠	٠	٠	
MAY	٠	•	2.200	T> 084.	•	•	.580 <t< td=""><td>.740</td></t<>	.740
MOL	٠	٠	٠	٠	٠	٠	.980 <⊤	.240
JUL	٠	٠	1.400	1.100	٠	٠	1.100	1.200
AUG	T> 069.	.950 <Т	1.200	1.200	•	•	T> 009.	079.
SEP	T> 099.	1.000 <t< td=""><td>1.200</td><td>T> 097.</td><td>•</td><td>•</td><td>٠</td><td></td></t<>	1.200	T> 097.	•	•	٠	
DCT	T> 054.	.290 <1	7≥ 027.	.130 :	•	•	.530 <t< td=""><td>2.</td></t<>	2.
MOV	BOL	BOL	108	108	٠	•	TOD	BOL
DEC	108	BOL	108	108	•	•	1001	108
COPPER (_	0 0 0 1 1 1 1 0 0 0 0	8 9 8 8 9 5 5 5 5 5 9 9 9	OET'N LIMIT =	GUIDELINE *			
JAN		• •	500.000	36.000	180.000	110.000	4 6	
MAR	• •	٠	000.69	26.000	400.000	71.000	•	

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY UTP 1989

TYPE STAMOING FREE FLOW STAMOING STAMOING FREE FLOW ST			¥	WATER TREATMENT PLANT	ANT	018	DISTRIBUTION SYSTEM		
TYPE STAMOING FREE FLOW STAMOING	S								
STAMOLING FREE FLOW STAMOLING FREE FLOW	T		IREATED	SITE		SITE 2		SITE 3	
2.100 2.200 49.000 41.000 5.000 5.000 5.000 5.000 5.000 5.200 5.200 120.000 12	1			STANDING	FREE FLOW	STAWDING	FREE FLOW	STANDING	FREE FLOW
2.100	1PR		D	580,000	41.000		٠	•	۰
2.100 2.200 30.000 49.000 5.00	W			130.000	39.000	٠	٠	300.000	28.000
2.100 2.200 49.000 49.000 2.000 2.200 2.200 44.000 2.2	NON	٠	٠		•	٠	•	560.000	52.000
2.100 2.200 44.000 75.000 2.000 2.200 2.200 75.000	JUL		٠	310.000	49.000		٠	600.000	44.000
2.000 2.200 480.000 76.000	501	2.100	2.200	300,000	44.000	٠	٠	38.000	38.000
2.200 < 2.200 120.000 29.000 29.000 2.200 2.100 240.000 32.000 32.000 2.200 2.100 2.100 2.200	SEP	2.000	2.200	480.000	76.000	٠	٠	٠	٠
1.900 2.100 240.000 32.000	OCT	2.000	2.200	120.000	29.000	٠		92,000	23.000
22.200 <t 2.300="" 27.000<="" 39.000="" <t="" td=""><td>MOV</td><td>1.900</td><td>2.100</td><td>240.000</td><td>32.000</td><td>•</td><td>•</td><td>250.000</td><td>20.000</td></t>	MOV	1.900	2.100	240.000	32.000	•	•	250.000	20.000
DET'N LIMIT = GUIOELINE = 64.000 84.000 84.000 84.000 87.000 110.000 59.000 55.000 87.000 120.000 110.000 59.000 97.000 120.000 150.000 110.000 97.000 120.000 150.000 130.000 150.000 130.000	DEC	2.200 <t< td=""><td>2,300 <t< td=""><td>39.000</td><td>27.000</td><td>•</td><td>•</td><td>100.000</td><td>74,000</td></t<></td></t<>	2,300 <t< td=""><td>39.000</td><td>27.000</td><td>•</td><td>•</td><td>100.000</td><td>74,000</td></t<>	39.000	27.000	•	•	100.000	74,000
1000 150,000	<u> </u>	?:: (DET'N LIMIT =	GUIDELINE =			
10,000 110,000 55,000 55,000 110,000 57,000 110,000	No.	b	•	98.000	150.000	81.000	84.000	٠	٠
140.000 150.000 110.000 97.000 120.000 150.0	EB	٠	٠	87.000	110.000	29.000	55.000	٠	٠
120.000 140.000 150.000 150.000 130.	MR	٠	٠	140.000	150.000	110.000	97.000	٠	٠
21.000 <t 100.000="" 100.000<="" 24.000="" 25.000="" 37.000="" 38.000="" 39.000="" 44.000="" 61.000="" 64.000="" 78.000="" <t="" bdl="" t5.000="" td=""><td>PR</td><td>٠</td><td>٠</td><td>120.000</td><td>160.000</td><td></td><td></td><td>•</td><td>٠</td></t>	PR	٠	٠	120.000	160.000			•	٠
21.000 <t 25.000="" 65.000<="" <t="" td=""><td>MY</td><td>٠</td><td>٠</td><td>150.000</td><td>130.000</td><td>٠</td><td>٠</td><td>70.000</td><td>99.000</td></t>	MY	٠	٠	150.000	130.000	٠	٠	70.000	99.000
21.000 <t 25.000="" 46.000="" 65.000<="" <t="" td=""><td>NO</td><td>٠</td><td>٠</td><td>•</td><td>٠</td><td></td><td>٠</td><td>30.000 <t< td=""><td>41,000 <t< td=""></t<></td></t<></td></t>	NO	٠	٠	•	٠		٠	30.000 <t< td=""><td>41,000 <t< td=""></t<></td></t<>	41,000 <t< td=""></t<>
24.000 <t 25.000="" 78.000="" 78.000<="" <t="" td=""><td>וחר</td><td>٠</td><td>٠</td><td>55.000</td><td>75.000</td><td>٠</td><td>٠</td><td>45.000 <t< td=""><td>39.000 <t< td=""></t<></td></t<></td></t>	וחר	٠	٠	55.000	75.000	٠	٠	45.000 <t< td=""><td>39.000 <t< td=""></t<></td></t<>	39.000 <t< td=""></t<>
24.000 <t 1.000="" 110.000="" 37.000="" 78.000="" <t="" td="" ="" <=""><td>501</td><td>21.000 <t< td=""><td>25.000 <t< td=""><td></td><td></td><td>•</td><td>٠</td><td>19.000 <t< td=""><td>16.000 <t< td=""></t<></td></t<></td></t<></td></t<></td></t>	501	21.000 <t< td=""><td>25.000 <t< td=""><td></td><td></td><td>•</td><td>٠</td><td>19.000 <t< td=""><td>16.000 <t< td=""></t<></td></t<></td></t<></td></t<>	25.000 <t< td=""><td></td><td></td><td>•</td><td>٠</td><td>19.000 <t< td=""><td>16.000 <t< td=""></t<></td></t<></td></t<>			•	٠	19.000 <t< td=""><td>16.000 <t< td=""></t<></td></t<>	16.000 <t< td=""></t<>
38.000 <t 100.000="" 110.000<="" 38.000="" <t="" td=""><td>EP</td><td>24.000 <t< td=""><td>37.000 <t< td=""><td>78.000</td><td>81.000</td><td>•</td><td>٠</td><td>٠</td><td>٠</td></t<></td></t<></td></t>	EP	24.000 <t< td=""><td>37.000 <t< td=""><td>78.000</td><td>81.000</td><td>•</td><td>٠</td><td>٠</td><td>٠</td></t<></td></t<>	37.000 <t< td=""><td>78.000</td><td>81.000</td><td>•</td><td>٠</td><td>٠</td><td>٠</td></t<>	78.000	81.000	•	٠	٠	٠
29.000 <t 42.000="" 64.000="" 91.000<="" <t="" td=""><td>CT</td><td>38.000 <t< td=""><td>38.000 <t< td=""><td>100.000</td><td>110.000</td><td>•</td><td>•</td><td>Z9.000 <t< td=""><td>BOL</td></t<></td></t<></td></t<></td></t>	CT	38.000 <t< td=""><td>38.000 <t< td=""><td>100.000</td><td>110.000</td><td>•</td><td>•</td><td>Z9.000 <t< td=""><td>BOL</td></t<></td></t<></td></t<>	38.000 <t< td=""><td>100.000</td><td>110.000</td><td>•</td><td>•</td><td>Z9.000 <t< td=""><td>BOL</td></t<></td></t<>	100.000	110.000	•	•	Z9.000 <t< td=""><td>BOL</td></t<>	BOL
44.000 <t 39.000="" <t="" bdl="" bdl<="" td=""><td>8</td><td>29.000 <t< td=""><td></td><td>64.000</td><td>91.000</td><td></td><td></td><td>21.000 <1</td><td>25.000 <t< td=""></t<></td></t<></td></t>	8	29.000 <t< td=""><td></td><td>64.000</td><td>91.000</td><td></td><td></td><td>21.000 <1</td><td>25.000 <t< td=""></t<></td></t<>		64.000	91.000			21.000 <1	25.000 <t< td=""></t<>
() DET'N LIMIT = GUIDELINE =	EC	44.000 <t< td=""><td>39.000 <t< td=""><td>708</td><td>108</td><td>٠</td><td>•</td><td>57.000 <t< td=""><td>36.000 <1</td></t<></td></t<></td></t<>	39.000 <t< td=""><td>708</td><td>108</td><td>٠</td><td>•</td><td>57.000 <t< td=""><td>36.000 <1</td></t<></td></t<>	708	108	٠	•	57.000 <t< td=""><td>36.000 <1</td></t<>	36.000 <1
1> 080	URY (•	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DET'N LIMIT =		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	JAH	٠	٠	•	.030 <t< td=""><td>Đ</td><td>.120</td><td>٠</td><td></td></t<>	Đ	.120	٠	

TABLE 5

		WATE	WATER TREATMENT PLANT	LANT	018	DISTRIBUTION SYSTEM		
SITE	ZAZ	TREATED	SITE 1		SITE 2		SITE 3	
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1> 070		.120	٠	٠
MAD	•	• (• •	340	•	.150	٠	•
APR	• (•	•	.140	•	٠	•	٠
MAY	•		٠	.080	٠	•	٠	.120
JUN	٠	•	٠			•	•	180
JUL		٠	٠	09%	•	•	•	BOL
AUG	B01	108	•	077	•	•		108
SEP	BOL	BOL	•	.200	٠	•	•	•
OCT	.030 <t< td=""><td>T> 0%0.</td><td>•</td><td>.290</td><td>•</td><td>•</td><td>•</td><td>108</td></t<>	T> 0%0.	•	.290	•	•	•	108
NON	T> 040.	T> 050.	•	.550	٠	•	•	1> 020.
. DEC .	080.	.050 <t< td=""><td>•</td><td>I CS</td><td>0 0 0 0 0 0 0 0 1 1 1 1 1</td><td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td></td><td>1> 020.</td></t<>	•	I CS	0 0 0 0 0 0 0 0 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1> 020.
MANGANESE (8 5 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		DET'N LIMIT =	QUIDELINE *			
74		,	6.900	004.6	7.800	8.000	٠	•
200	• (, •	009.6	9.500	8.200	7.600	٠	•
MAR		•	007.6	6.400	11.000	9.100	•	•
APR		٠	11.000	10.000	•	•	•	•
MAY	• •	٠	11.000	12.000	•	•	11.000	11.000
3	, ,	•	٠	٠	٠	•	8.400	11.000
	•	,	12,000	15.000		•	21.000	16.000
AUG	6.600	7.400	11.000	11.000	•	٠	2.600	2.600
SEP	7.000	8.000	15.000	15.000	•	•	•	
DCT	4, 100	4.600	8.500	7.000	•	٠	4.800	.410 <t< td=""></t<>
201	3.800	3.900	7.000	7.700	•	٠	4.100	3.500
							0 0 0	200

GUIDELINE =

DET'N LIMIT =

MOLYBDENUM (

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM MORTH BAY UTP 1989

DISTRIBUTION SYSTEM

MATER TREATMENT PLANT

1. 2. 9.	RAW	TREATED	SITE 1		SITE 2		SITE 3	
-			STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
				- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0
JAN		٠	.100 <t< td=""><td>BOL</td><td>BOL</td><td>BOL</td><td>٠</td><td>٠</td></t<>	BOL	BOL	BOL	٠	٠
FEB	٠	٠	T> 021.	T> 080.	.120 <t< td=""><td>.120 <t< td=""><td>•</td><td>٠</td></t<></td></t<>	.120 <t< td=""><td>•</td><td>٠</td></t<>	•	٠
MAR		٠	.210 <t< td=""><td>T> 081.</td><td>.110 <t< td=""><td>. 130 <t< td=""><td>•</td><td>٠</td></t<></td></t<></td></t<>	T> 081.	.110 <t< td=""><td>. 130 <t< td=""><td>•</td><td>٠</td></t<></td></t<>	. 130 <t< td=""><td>•</td><td>٠</td></t<>	•	٠
APR	٠	٠	.230 <t< td=""><td>T> 011.</td><td>٠</td><td>٠</td><td>٠</td><td>۰</td></t<>	T> 011.	٠	٠	٠	۰
MAY	•	٠	BOL	T> 070.	٠	٠	170 071.	.100
NOR	٠	٠	٠	٥	٠	٠	1> 070.	150 <1
JUL	٠	٠	T> 040.	T> 050.	٠	٠	.080 <t< td=""><td>.220 <1</td></t<>	.220 <1
AUG	T> 090.	170 61.	.140 <t< td=""><td>.150 <t< td=""><td>•</td><td>•</td><td>. 100 <t< td=""><td>T> 080.</td></t<></td></t<></td></t<>	.150 <t< td=""><td>•</td><td>•</td><td>. 100 <t< td=""><td>T> 080.</td></t<></td></t<>	•	•	. 100 <t< td=""><td>T> 080.</td></t<>	T> 080.
SEP	.040 <t< td=""><td>T> 090.</td><td>.070 <⊤</td><td>T> 040.</td><td>٠</td><td>٠</td><td></td><td>٠</td></t<>	T> 090.	.070 <⊤	T> 040.	٠	٠		٠
CT	.290 <t< td=""><td>.140 <t< td=""><td>.120 <⊤</td><td>1> 001.</td><td>•</td><td>٠</td><td>.040 <t< td=""><td>.620</td></t<></td></t<></td></t<>	.140 <t< td=""><td>.120 <⊤</td><td>1> 001.</td><td>•</td><td>٠</td><td>.040 <t< td=""><td>.620</td></t<></td></t<>	.120 <⊤	1> 001.	•	٠	.040 <t< td=""><td>.620</td></t<>	.620
MOV	.170 cT	T> 090.	T> 050.	1> 070.	•	•	.030 <t< td=""><td>108</td></t<>	108
DEC	.160 <t< td=""><td>BOL</td><td>.290 <1</td><td>T> 011.</td><td>٠</td><td>٠</td><td>BOL</td><td>108</td></t<>	BOL	.290 <1	T> 011.	٠	٠	BOL	108
NICKEL (^	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	OET'N LIMIT #	GUIDELINE =	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
JAN	٠	٠	\$00.000	1.700 <1	150.000	1> 0%.	٠	,
FEB		٠	20.000	T> 050.	58.000	T> 047.		٠
WR	٠		5.700	T> 088.	68.000	1.000 <t< td=""><td>٠</td><td>٠</td></t<>	٠	٠
NPR	•	٠	140.000	1.300 <t< td=""><td>٠</td><td></td><td>٠</td><td>٠</td></t<>	٠		٠	٠
MAY	٠	٠	9.800	1.100 <t< td=""><td></td><td></td><td>23.000</td><td>1.200 <t< td=""></t<></td></t<>			23.000	1.200 <t< td=""></t<>
NON		•	•	٠	٠	٠	2.200	1.800 <t< td=""></t<>
JUL	•		15,000	.240 <t< td=""><td></td><td>٠</td><td>11.000</td><td>.190 <1</td></t<>		٠	11.000	.190 <1
NUG	T> 009.	.710 <t< td=""><td>13.000</td><td>780 <₹</td><td></td><td></td><td>.780 <t< td=""><td>.580 <t< td=""></t<></td></t<></td></t<>	13.000	780 <₹			.780 <t< td=""><td>.580 <t< td=""></t<></td></t<>	.580 <t< td=""></t<>
SEP	T> 089.	1> 099.	8.100	1> 000.			٠	٠
CT	.590 <t< td=""><td>. 780 <t< td=""><td>5.100</td><td>T> 059.</td><td>٠</td><td>٠</td><td>T> 059.</td><td>. 140 <t< td=""></t<></td></t<></td></t<>	. 780 <t< td=""><td>5.100</td><td>T> 059.</td><td>٠</td><td>٠</td><td>T> 059.</td><td>. 140 <t< td=""></t<></td></t<>	5.100	T> 059.	٠	٠	T> 059.	. 140 <t< td=""></t<>
400	.520 <t< td=""><td>.570 <t< td=""><td>150.000</td><td>T> 047.</td><td></td><td></td><td>1.300 <t< td=""><td>7> 095.</td></t<></td></t<></td></t<>	.570 <t< td=""><td>150.000</td><td>T> 047.</td><td></td><td></td><td>1.300 <t< td=""><td>7> 095.</td></t<></td></t<>	150.000	T> 047.			1.300 <t< td=""><td>7> 095.</td></t<>	7> 095.
	-							

TABLE 5

			The state of the s		210	DISTRIBUTION STRIEN		
SITE								
TYPE	RAV	TREATED	SITE 1		SITE 2		SITE 3	•
			STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
LEAD (^			DET'N LIMIT =	CUIDELINE =	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
JAN	٠	•	73.000 RRV	3.200	2.700	2.000	•	٠
FEB			35.000	2.900	8.300	1.100	•	•
MAR	•	٠	24.000	4.300	18.000	1.500	•	•
APR		•	91.000	9.800	•	٠		٠
MAY	•	٠	15.000	3.200	٠	•	15.000	1.400
NOP	•	•	٠	•	٠	•	12.000	1.900
JUL	٠		37.000	3.900	•		000.6	1.800
AUG	.320	.280	20.000	4.100	٠	•	1.400	1.400
SEP	BOL	BOL	72.000 RRV	7.100	٠	•	•	•
100	.520	.310	24.000	3.100	٠	•	1.900	1.600
MOV	.100 <t< td=""><td>.100 <t< td=""><td>41.000</td><td>7.000</td><td>•</td><td>•</td><td>9.900</td><td>.750</td></t<></td></t<>	.100 <t< td=""><td>41.000</td><td>7.000</td><td>•</td><td>•</td><td>9.900</td><td>.750</td></t<>	41.000	7.000	•	•	9.900	.750
DEC	.200 <t< td=""><td>T> 05E.</td><td>28.000</td><td>2.800</td><td>•</td><td>•</td><td>10.000</td><td>1.600</td></t<>	T> 05E.	28.000	2.800	•	•	10.000	1.600
ANTIMONY (^	0 1 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DET'N LIMIT =	GUIDELINE =	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 0 0 0 0 0 0 0 0 0 0
JAN	٠	•	.540	.450	.410	.410	٠	•
FEB		•	.570	909.	0.470	067.	•	•
MAR		•	069.	.650	.630	.590		•
APR	•	•	067	027	٠		•	•
MAY	•	٠	.910	066.	٠	•	.840	096.
NOP		٠	•	•	•	٠	.740	064.
JUL	•	٠	069.	.720	•	٠	.750	.880
AUG	.550	.650	099.	.620	•	٠	079	.510
SEP	007	.390	.380	.420	•	•	•	٠
OCT	1.200	.620	067	.470	٠	٠	.430	1.200
NOV	.820	.560	.480	.710		•	094.	.410
DEC	.340 <t< td=""><td>2.800</td><td>000.9</td><td>4.400</td><td>٠</td><td>٠</td><td>T> 059.</td><td>470 <t< td=""></t<></td></t<>	2.800	000.9	4.400	٠	٠	T> 059.	470 <t< td=""></t<>

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY UTP 1989

SITE TYPE JAN FEB MAR APR APR ANAY JUN LILL HILL HILL HILL HILL HILL HILL HIL	RAU							
TYPE NIUM (MIUM (MAX AAR AAR AAR AAR AAR AAR AAR AAR AAR A		TREATED	SITE 1		SITE 2		SITE 3	
NAN (EEB PR			STANDING	FREE FLOW	STAWDING	FREE FLOW	STANDING	FREE FLOW
2 2 2 2 2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DET'N LIMIT =	GUIDELINE =	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	w 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	8
S A Z A B E	•	٠	1.400 <t< td=""><td>1.000 <t< td=""><td>1.300 <t< td=""><td>1.100 <t< td=""><td>٠</td><td>٠</td></t<></td></t<></td></t<></td></t<>	1.000 <t< td=""><td>1.300 <t< td=""><td>1.100 <t< td=""><td>٠</td><td>٠</td></t<></td></t<></td></t<>	1.300 <t< td=""><td>1.100 <t< td=""><td>٠</td><td>٠</td></t<></td></t<>	1.100 <t< td=""><td>٠</td><td>٠</td></t<>	٠	٠
PR PR E	•	٠	2.400 <t< td=""><td>3.400 <t< td=""><td>2.000 <t< td=""><td>1.300 <t< td=""><td>٠</td><td>٠</td></t<></td></t<></td></t<></td></t<>	3.400 <t< td=""><td>2.000 <t< td=""><td>1.300 <t< td=""><td>٠</td><td>٠</td></t<></td></t<></td></t<>	2.000 <t< td=""><td>1.300 <t< td=""><td>٠</td><td>٠</td></t<></td></t<>	1.300 <t< td=""><td>٠</td><td>٠</td></t<>	٠	٠
PR UN	•	•	3.000 <t< td=""><td>2.000 <t< td=""><td>.420 <t< td=""><td>1.800 <t< td=""><td>٠</td><td>٠</td></t<></td></t<></td></t<></td></t<>	2.000 <t< td=""><td>.420 <t< td=""><td>1.800 <t< td=""><td>٠</td><td>٠</td></t<></td></t<></td></t<>	.420 <t< td=""><td>1.800 <t< td=""><td>٠</td><td>٠</td></t<></td></t<>	1.800 <t< td=""><td>٠</td><td>٠</td></t<>	٠	٠
UN	•	•	.270 <t< td=""><td>T> 004.</td><td>٠</td><td>٠</td><td>٠</td><td>٠</td></t<>	T> 004.	٠	٠	٠	٠
35		٠	1.900 <t< td=""><td>T> 0%0.</td><td>٠</td><td>٠</td><td>2.400 <t< td=""><td>3.800 <t< td=""></t<></td></t<></td></t<>	T> 0%0.	٠	٠	2.400 <t< td=""><td>3.800 <t< td=""></t<></td></t<>	3.800 <t< td=""></t<>
-	. •	٠	٠	٠	٠	٠	BOL	BOL
70	٠	٠	108	1.300 <t< td=""><td>۰</td><td>٠</td><td>108</td><td>BOL</td></t<>	۰	٠	108	BOL
	1.400 <t< td=""><td>BOL</td><td>BOL</td><td>108</td><td>•</td><td></td><td>BOL</td><td>108</td></t<>	BOL	BOL	108	•		BOL	108
	BOL	BOL	BOL	BOL	•	٠	•	٠
OCT	BOL	BOL	108	BOL	٠	٠	BOL	108
MON	BOL	BOL	BOL	BOL	٠	٠	BOL	108
DEC	BOL	108	1.900 <t< td=""><td>1.100 <t< td=""><td>å</td><td>٠</td><td>BOL</td><td>108</td></t<></td></t<>	1.100 <t< td=""><td>å</td><td>٠</td><td>BOL</td><td>108</td></t<>	å	٠	BOL	108
STRONTIUM (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	DET'M LIMIT =	GUIDELINE =	u e e e e e e e e e e e e e e e e e e e	1 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
JAN	•	٠	48.000	46.000	000.67	76.000	٠	٠
E3	٠	٠	51.000	50.000	52.000	\$0.000	•	đ
MAR	٠	٠	52.000	\$0.000	52.000	53.000	•	
APR	•	٠	53.000	51.000	٠	٠	٠	
MAY		٠	47.000	52.000	đ	٠	55,000	53.000
JUN	٠	٠	•	٠	٠		45.000	43.000
JUL		٠	50.000	47.000	•		000.67	49.000
	.000	45.000	45.000	43.000		٠	44.000	74.000
SEP 47	000	48.000	52.000	000.67		•	•	
	47.000	45.000	48.000	47.000	•	٠	47.000	24.000
	46.000	43.000	45.000	42.000	٠	٠	45.000	44.000
	45.000	76.000	84.000	75.000			42.000	\$0.000

TABLE 5

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NV IO	
FIRE	
DEATMENT	
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DIST

Tithe NAM Theaten Site			M	WATER TREATMENT PLANT	INT.	DIST	DISTRIBUTION SYSTEM		
NAM	SIT								
12.000 12.000 15.000 1	TYP		TREATED	SITE 1		SITE 2		SITE 3	
12.000 10.000 1.500 <t 1.500="" 1.500<="" 2.000="" <t="" th="" =""><th></th><th>4</th><th></th><th>STANDING</th><th>FREE FLOW</th><th>STANDING</th><th>FREE FLOW</th><th>STANDING</th><th>FREE FLOW</th></t>		4		STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
8.000	JITANIUM C	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DET'N LINIT =				
8.000 8.700 7.500 4 1.500 4 1.500 4 1.500 4 1.500 4 1.500 4 1.500 4 1.500 4 1.500 4 1.500 4 1.500 4 1.500 1 1.500 4 1.	JAN	•	•	12.000	10.000	1.500 <t< td=""><td>2.000 <t< td=""><td>•</td><td>٠</td></t<></td></t<>	2.000 <t< td=""><td>•</td><td>٠</td></t<>	•	٠
8.000 8.700 5.400 5.400 3.300 3.300 3.300 6.200 3.300 6.200 3.300 6.200	FEB			9.600	10.000	1.500 <t< td=""><td>1.500 <t< td=""><td>٠</td><td>٠</td></t<></td></t<>	1.500 <t< td=""><td>٠</td><td>٠</td></t<>	٠	٠
8.000 8.700 4.600 7.500	MAR	٠	٠	5.100	8.300	3.500	3.300	٠	٠
8.000 8.700 2.900 4.600 5.000 5.600 5.600 5.600 5.000 5.600 5.600 5.000 5.600 5.000 5.000	APR		٠	4.300	2.400		٠		
8.000 8.700 12.000 1.600 4.300 5.800 5.900 5.900 5.900 5.900 12.000 11.500 4 1		٠		14.000	4.600		٠	3.200	3.700
8.000 8.700 2.900 2.800 7.500 3 8.100 12.000 1.600 1 1.500 <1 1.500 1.500 <1 1.500 <1 1.500 1.500 <1 1.500 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.500 <1 1.5	NOF	•					٠	4.700	4.800
8.300 8.700 2.900 2.800	JUL			7.600	4.300		•	5.500	2.500
6.300 12.000 1.600 <t 1.500="" 3.300="" 3.300<="" <t="" td="" =""><td>AUG</td><td>8.000</td><td>8.700</td><td>2.900</td><td>2.800</td><td>٠</td><td></td><td>4.000</td><td>3.900</td></t>	AUG	8.000	8.700	2.900	2.800	٠		4.000	3.900
16.000 14.000 2.300 2.200 7 1.500 cT 1.	SEP	8.300	12.000	1,600 <1	1.500 <t< td=""><td>٠</td><td>٠</td><td></td><td></td></t<>	٠	٠		
15.000 15.000 < 15.00 < 15.00 < 15.00 < 15.00 < 15.000 15.00 <	OCT	16.000	14.000	2.300	2.200		•	3.300	3.800
15.000 12.000 1.600 <t 1.500="" 3.200="" 3.<="" <t="" td="" =""><td>MOV</td><td>007.6</td><td>12.000</td><td>1.500 <t< td=""><td>1,500 <t< td=""><td>٠</td><td></td><td>2.500</td><td>2.300</td></t<></td></t<></td></t>	MOV	007.6	12.000	1.500 <t< td=""><td>1,500 <t< td=""><td>٠</td><td></td><td>2.500</td><td>2.300</td></t<></td></t<>	1,500 <t< td=""><td>٠</td><td></td><td>2.500</td><td>2.300</td></t<>	٠		2.500	2.300
) DET'N LIMIT = GUIDELINE ** 030 <t bdl="" bdl<="" td=""><td>DEC</td><td>15.000</td><td>12.000</td><td>1.600 <t< td=""><td>1.500 <t< td=""><td></td><td>•</td><td>3.200 <1</td><td>3.600 <t< td=""></t<></td></t<></td></t<></td></t>	DEC	15.000	12.000	1.600 <t< td=""><td>1.500 <t< td=""><td></td><td>•</td><td>3.200 <1</td><td>3.600 <t< td=""></t<></td></t<></td></t<>	1.500 <t< td=""><td></td><td>•</td><td>3.200 <1</td><td>3.600 <t< td=""></t<></td></t<>		•	3.200 <1	3.600 <t< td=""></t<>
<td>THALLIUM (</td> <td>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td>0 0 0 0 1 1 1 1 0 0 0 0 0</td> <td>- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td></td> <td></td> <td></td> <td></td> <td></td>	THALLIUM (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 1 1 1 1 0 0 0 0 0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
<td>JAN</td> <td></td> <td>٠</td> <td>.030 <t< td=""><td>108</td><td>108</td><td>BOL</td><td></td><td></td></t<></td>	JAN		٠	.030 <t< td=""><td>108</td><td>108</td><td>BOL</td><td></td><td></td></t<>	108	108	BOL		
BOL BOL BOL BOL 120 <t bdl="" td="" ="" <=""><td>FEB</td><td>٠</td><td>٠</td><td>.030 <t< td=""><td>BOL</td><td>108</td><td>108</td><td>•</td><td>•</td></t<></td></t>	FEB	٠	٠	.030 <t< td=""><td>BOL</td><td>108</td><td>108</td><td>•</td><td>•</td></t<>	BOL	108	108	•	•
120 < T BDL	MAR	٠		BOL	108	BOL	BOL		٠
	APR		•	.120 <t< td=""><td>BOL</td><td>•</td><td>٠</td><td>٠</td><td>٠</td></t<>	BOL	•	٠	٠	٠
	MAY		٠	T> 070.	.020 <t< td=""><td>•</td><td>٠</td><td>T> 090.</td><td>T> 070.</td></t<>	•	٠	T> 090.	T> 070.
BDL BDL <td>SUN</td> <td>•</td> <td>•</td> <td>٠</td> <td>٠</td> <td></td> <td></td> <td>.020 <</td> <td>.020 <t< td=""></t<></td>	SUN	•	•	٠	٠			.020 <	.020 <t< td=""></t<>
BDL BDL <td>JUL</td> <td></td> <td></td> <td>T> 040.</td> <td>108</td> <td>٠</td> <td></td> <td>BOL</td> <td>BOL</td>	JUL			T> 040.	108	٠		BOL	BOL
. 190 <t< td=""><td>AUG</td><td>BOL</td><td>BOL</td><td>BOL</td><td>108</td><td></td><td>•</td><td>BOL</td><td>BOL</td></t<>	AUG	BOL	BOL	BOL	108		•	BOL	BOL
. 020 <7 . 050 <7 . 030 <7 . 030 <7 80L 80L 80L 80L	SEP	.190 <t< td=""><td>094.</td><td>.310</td><td>.260</td><td>•</td><td></td><td>٠</td><td>٠</td></t<>	094.	.310	.260	•		٠	٠
801 801 801 801 · · · · · · · · · · · · · · · · · · ·	0CT	.020 <t< td=""><td>T> 050.</td><td>. 030 <t< td=""><td>T> 030.</td><td></td><td>•</td><td>108</td><td></td></t<></td></t<>	T> 050.	. 030 <t< td=""><td>T> 030.</td><td></td><td>•</td><td>108</td><td></td></t<>	T> 030.		•	108	
108 108 108 108	NON	BOL	108	BOL	108	•		T> 040.	
	DEC	BOL	BOL	BOL	BOL	•		108	108

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY UTP 1989

	SITE 3	STANDING FREE FLOW	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	٠			•	T> 090.		.050 <t bol<="" th=""><th></th><th></th><th>BOL ,050 <t< th=""><th></th><th>BOL BOL</th><th>1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>•</th><th></th><th></th><th>٠</th><th>.210 <t .="" 190="" <t<="" th=""><th>.420 <7 .480 <7</th><th>.210 <t> 190 <t< th=""><th>.100 <t .080="" <t<="" th=""><th>•</th><th>T> 050</th><th></th></t></th></t<></t></th></t></th></t<></th></t>			BOL ,050 <t< th=""><th></th><th>BOL BOL</th><th>1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>•</th><th></th><th></th><th>٠</th><th>.210 <t .="" 190="" <t<="" th=""><th>.420 <7 .480 <7</th><th>.210 <t> 190 <t< th=""><th>.100 <t .080="" <t<="" th=""><th>•</th><th>T> 050</th><th></th></t></th></t<></t></th></t></th></t<>		BOL BOL	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•			٠	.210 <t .="" 190="" <t<="" th=""><th>.420 <7 .480 <7</th><th>.210 <t> 190 <t< th=""><th>.100 <t .080="" <t<="" th=""><th>•</th><th>T> 050</th><th></th></t></th></t<></t></th></t>	.420 <7 .480 <7	.210 <t> 190 <t< th=""><th>.100 <t .080="" <t<="" th=""><th>•</th><th>T> 050</th><th></th></t></th></t<></t>	.100 <t .080="" <t<="" th=""><th>•</th><th>T> 050</th><th></th></t>	•	T> 050	
DISTRIBUTION SYSTEM		FREE FLOW STA	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	BOL	.030 <₹	.030 <t< td=""><td>٠</td><td>۰</td><td>٠</td><td>٠</td><td>•</td><td>٠</td><td>•</td><td>٠</td><td>•</td><td>3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>BOL</td><td>BOL</td><td>108</td><td>•</td><td>٠</td><td>٠</td><td>•</td><td>•</td><td>٠</td><td>•</td><td></td></t<>	٠	۰	٠	٠	•	٠	•	٠	•	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BOL	BOL	108	•	٠	٠	•	•	٠	•	
DISTRI	SITE 2	STANDING	GUIDELINE =	BOL	.050 <t< td=""><td>BOL</td><td>٠</td><td>•</td><td>٠</td><td>٠</td><td>٠</td><td>٠</td><td></td><td></td><td>•</td><td>GUIDELINE =</td><td>BOL</td><td>BOL</td><td>BOL</td><td>٠</td><td>•</td><td>٠</td><td>•</td><td>٠</td><td>٠</td><td>٠</td><td></td></t<>	BOL	٠	•	٠	٠	٠	٠			•	GUIDELINE =	BOL	BOL	BOL	٠	•	٠	•	٠	٠	٠	
		FREE FLOW	DET'N LIMIT =	80r	T> 090.	BOL	BOL	BOL	٠	T> 050.	.030 <t< td=""><td>BOL</td><td>108</td><td>801</td><td>T> 070.</td><td>DET'N LIMIT *</td><td>BOL</td><td>BDL</td><td>BOL</td><td>T> 041.</td><td>T> 091.</td><td>٠</td><td>.200 <t< td=""><td>T> 090.</td><td>T> 040.</td><td>T> 050.</td><td></td></t<></td></t<>	BOL	108	801	T> 070.	DET'N LIMIT *	BOL	BDL	BOL	T> 041.	T> 091.	٠	.200 <t< td=""><td>T> 090.</td><td>T> 040.</td><td>T> 050.</td><td></td></t<>	T> 090.	T> 040.	T> 050.	
WATER TREATMENT PLANT	SITE 1	STANDING		.040 <t< td=""><td>T> 080.</td><td>BOL</td><td>BOL</td><td>T> 060.</td><td>٠</td><td>.150 <t< td=""><td>.030 <t< td=""><td>BOL</td><td>.030 <t< td=""><td>BOL</td><td>. 100 <t< td=""><td>DE</td><td>108</td><td>BOL</td><td>BOL</td><td>.120 <t< td=""><td>.220 <t< td=""><td>•</td><td>170 <t< td=""><td>.090 <t< td=""><td>1> 090.</td><td>T> 040.</td><td></td></t<></td></t<></td></t<></td></t<></td></t<></td></t<></td></t<></td></t<></td></t<>	T> 080.	BOL	BOL	T> 060.	٠	.150 <t< td=""><td>.030 <t< td=""><td>BOL</td><td>.030 <t< td=""><td>BOL</td><td>. 100 <t< td=""><td>DE</td><td>108</td><td>BOL</td><td>BOL</td><td>.120 <t< td=""><td>.220 <t< td=""><td>•</td><td>170 <t< td=""><td>.090 <t< td=""><td>1> 090.</td><td>T> 040.</td><td></td></t<></td></t<></td></t<></td></t<></td></t<></td></t<></td></t<></td></t<>	.030 <t< td=""><td>BOL</td><td>.030 <t< td=""><td>BOL</td><td>. 100 <t< td=""><td>DE</td><td>108</td><td>BOL</td><td>BOL</td><td>.120 <t< td=""><td>.220 <t< td=""><td>•</td><td>170 <t< td=""><td>.090 <t< td=""><td>1> 090.</td><td>T> 040.</td><td></td></t<></td></t<></td></t<></td></t<></td></t<></td></t<></td></t<>	BOL	.030 <t< td=""><td>BOL</td><td>. 100 <t< td=""><td>DE</td><td>108</td><td>BOL</td><td>BOL</td><td>.120 <t< td=""><td>.220 <t< td=""><td>•</td><td>170 <t< td=""><td>.090 <t< td=""><td>1> 090.</td><td>T> 040.</td><td></td></t<></td></t<></td></t<></td></t<></td></t<></td></t<>	BOL	. 100 <t< td=""><td>DE</td><td>108</td><td>BOL</td><td>BOL</td><td>.120 <t< td=""><td>.220 <t< td=""><td>•</td><td>170 <t< td=""><td>.090 <t< td=""><td>1> 090.</td><td>T> 040.</td><td></td></t<></td></t<></td></t<></td></t<></td></t<>	DE	108	BOL	BOL	.120 <t< td=""><td>.220 <t< td=""><td>•</td><td>170 <t< td=""><td>.090 <t< td=""><td>1> 090.</td><td>T> 040.</td><td></td></t<></td></t<></td></t<></td></t<>	.220 <t< td=""><td>•</td><td>170 <t< td=""><td>.090 <t< td=""><td>1> 090.</td><td>T> 040.</td><td></td></t<></td></t<></td></t<>	•	170 <t< td=""><td>.090 <t< td=""><td>1> 090.</td><td>T> 040.</td><td></td></t<></td></t<>	.090 <t< td=""><td>1> 090.</td><td>T> 040.</td><td></td></t<>	1> 090.	T> 040.	
WATER	TREATED	••		٠	٠	•	٠	٠	•	•	8 01	BOL	BOL	BOL	BOL			•	•	•				.090 <1	. 100 <t< td=""><td>.020 <t< td=""><td></td></t<></td></t<>	.020 <t< td=""><td></td></t<>	
	ZAZ		^	٠	•	٠		•	٠	•	BOL	BOL	.050 <t< td=""><td>.030 <t< td=""><td>BOL</td><td>^</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>T> 070.</td><td>.120 <t< td=""><td>.050 <t< td=""><td></td></t<></td></t<></td></t<></td></t<>	.030 <t< td=""><td>BOL</td><td>^</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>T> 070.</td><td>.120 <t< td=""><td>.050 <t< td=""><td></td></t<></td></t<></td></t<>	BOL	^	•	•	•	•	•	•	•	T> 070.	.120 <t< td=""><td>.050 <t< td=""><td></td></t<></td></t<>	.050 <t< td=""><td></td></t<>	
	SITE		URANIUM C	JAN	FEB	MAR	APR	MAY	NOL	JUL	AUG	SEP	OCT	NON	DEC	VANADIUM (JAM	FEB .	MAR	APR	HAY	NON	705	AUG	SEP	OCT	

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY WTP 1989

	FREE FLOW		٠	٠	•	•	11.000	006.6	12,000	9.800	•	2.500	9.600	10.000
SITE 3		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	٠		٠	٠	24.000	18.000	29.000	9.900		9.700	12.000	11.000
	FREE FLOW	6 e e e e e e e e e e e e e e e e e e e	009.6	9.500	10.000	٠	٠	0		•	•	•		•
SITE 2	STAMDING	GUIOELINE =	29.000	30.000	39.000	٠	•			٠		•	•	•
	FREE FLOW	DET'N LIMIT =	9.500	9.500	009.6	13.000	11.000	•	15.000	11.000	14.000	7.600	7.700	2.400
SITE 1	STANDING	v 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	290.000	47.000	21.000	140.000	33.000	•	61.000	24.000	51.000	37.000	200.000	25.000
TREATED		5 0 5 0 6 0 0 5 5 5 3 5 5 8 0 0 8 0 0 8 0 0 0 0 0 0 0 0 0 0 0	•	•	•	•	•	•	٠	12.000	12.000	8.800	8.100	9.200
RAU		^	•	•	•	•	٠	٠	٠	12.000	12.000	8.800	8.800	009.6
SITE	TYPE	ZINC ()	JAN	FEB	MAR	APR	MAY	NOF	JUL	AUG	SEP	0CT	MOV	DEC

	•		STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
ALPHA BHC (ng/L	PESTICIOES &	S & PCB	DET'N LIMIT =	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GUIDELINE =	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P P P P P P P P P P P P P P P P P P P	0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1
JAN		•	٠	2.000 <1	٠	1.000 <1	٠	٠
FEB		٠	٠	2.000 <t< td=""><td>•</td><td>2.000 <t< td=""><td>٠</td><td></td></t<></td></t<>	•	2.000 <t< td=""><td>٠</td><td></td></t<>	٠	
MAR			٠	BDL	•	108	٠	
APR		•	•	BOL		٠	٠	
MAY		٠	•	1,000 <t< td=""><td></td><td>•</td><td></td><td>108</td></t<>		•		108
JUN			٠		٠			108
JUL		٠	٠	1,000 <t< td=""><td></td><td></td><td></td><td>108</td></t<>				108
	1,000 <t< td=""><td>1.000 <t< td=""><td>٠</td><td>1,000 <t< td=""><td>٠</td><td></td><td></td><td>108</td></t<></td></t<></td></t<>	1.000 <t< td=""><td>٠</td><td>1,000 <t< td=""><td>٠</td><td></td><td></td><td>108</td></t<></td></t<>	٠	1,000 <t< td=""><td>٠</td><td></td><td></td><td>108</td></t<>	٠			108
	?,000 <t< td=""><td>B0L</td><td></td><td>2.000 <t< td=""><td>٠</td><td>٠</td><td>٠</td><td>٠</td></t<></td></t<>	B0L		2.000 <t< td=""><td>٠</td><td>٠</td><td>٠</td><td>٠</td></t<>	٠	٠	٠	٠
	108	BOL	•	80f			٠	108
	2,000 <t< td=""><td>108</td><td>•</td><td>2.000 <t< td=""><td>٠</td><td></td><td>٠</td><td>2.000 <t< td=""></t<></td></t<></td></t<>	108	•	2.000 <t< td=""><td>٠</td><td></td><td>٠</td><td>2.000 <t< td=""></t<></td></t<>	٠		٠	2.000 <t< td=""></t<>
DEC	ILA	108	•	1.000 <t< td=""><td>٠</td><td></td><td>٠</td><td>1.000 <t< td=""></t<></td></t<>	٠		٠	1.000 <t< td=""></t<>
ATRĄZINE (ng/L		- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DET'N LIMIT =	0 0 0 0 0 0 0 0 0 0 0 0	GUIDELINE =			
JAN	٠	٠		108		BOL		٠
FEB		٠	٠	BOL	٠	BDL		٠
MAR		•	•	320.000 <t< td=""><td></td><td>108</td><td>٠</td><td></td></t<>		108	٠	
APR		٠		108	•	٠	•	٠
MAY		٠		B01				BOL
SCN	,	٠		٠	•		•	BOL
JUL			٠	108	•	٠	٠	BOL
AUG	BDL	108	•	٠			٠	
SEP	BDL	108	٠	SII				
00.1	BDL	BDL	٠	٠	•	٠	٠	
NOV	108	BOL	٠	٠	٠	٠	٠	٠
DEC	BDL	BOL			٠	ď	٠	٠
			STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW

TREATED SITE 1 STANDING FREE FLOW STANDING FREE FLOW 1.400 5.000 1.000
NDING FREE FLOW STANDING FREE FLOW STANDING FREE FLOW DET'N LIMIT = 0.2 GUIDELINE = 2.00 (A3)
FREE FLOW STANDING FREE FLOW STANDING FREE FLOW T = 0.2 GUIDELINE = 2.00 (A3)
STANDING FREE FLOW STANDING FREE FLOW GUIDELINE = 2.00 (A3)
FREE FLOW STANDING FREE FLOW 2.00 (A3)
STANDING FREE FLOW
FREE FLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY WIP 1989

SITE RAW TREA TYPE VOLATILES VOLATILES BOL BOL BOL BOL BOL BOL BOL BOL BOL BO						
YPE VOLATILES) BOL BOL BOL BOL BOL BOL BOL	D SITE 1		SITE 2		SITE 3	
VOLATILES) 801 801 801 901 901 901	STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
801 801 801 801 801 801 801 801	1 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 5 0 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
801 801 801 801 801 801 801		DET'N LIMIT =	GUIDELINE *			
	٠	108		BOL	,	4
	٠	B01	٠	801.	٠	٠
		108		BOL	٠	٠
		BOL		٠	٠	•
	٠	BOL	9	٠	•	108 801
		٠	٠	٠	٠	108
108 108 108 108 108 108	•	BOL		٠	٠	BOL
801 801 801 		BOL			•	BOL
801 801 801 		108	٠	•	٠	•
901 801 	0 <1 .	108	٠	•	٠	108
80L		108		٠	٠	BOL
,		108	•	•	•	BOL
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DET'N LIMIT #	GUIDELINE *	1	, 0 6 7 8 8 9 9 9 9 9 9 9	
	٠	1> 001.	٠	BOL	٠	٠
	•	BOL	•	T> 021.	٠	•
	٠	T> 050.	•	T> 001.	٠	•
108		BOL	•	٠	•	•
108	٠	1> 051.	٠		٠	.150 <1
80.L	٠	•		٠	٠	BDL
801		BOL	٠		٠	BOL
	0 <t< td=""><td>108</td><td>٠</td><td>٠</td><td>٠</td><td>108</td></t<>	108	٠	٠	٠	108
SEP 801 801		BOL		•		•
BOL		BOL	٠	•	•	T> 050.
BDL		BOL	٠	•	٠	BOL

TABLE 5

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SITE RAM TYPE OEC BDL JAN FEB MAR APR JUL JUL SEP BDL OCT BDL OCT BDL OCT BDL OCT BDL OCT BDL AUG SEP BDL OCT AUG AUG SEP BDL OCT AUG	TREATED	SITE 1				l d	
108 108 108	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			SITE 2		2112	
108 108 108 108		STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
	.100 <t< th=""><th>•</th><th>108</th><th>•</th><th>٠</th><th>9 0 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>708</th></t<>	•	108	•	٠	9 0 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	708
	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 3 6 6 6 6 6 6 6 6 7 7 8 8 8 8 8 8 8 8 8 8	DET'N LIMIT =	GUIDELINE =			
	,	•	.050 <t< td=""><td>•</td><td>BOL</td><td>٠</td><td>٠</td></t<>	•	BOL	٠	٠
		•	BOL	٠	T> 050.	٠	٠
	•	•	BOL	•	.100 <t< td=""><td>٠</td><td>•</td></t<>	٠	•
	•	•	BOL	٠	٠	•	• (
	٠	•	T> 050.	٠	٠	٠	1> 050.
	٠	٠	٠	•	•	•	108
		٠	108	•	•	•	BOL BOL
	BOL	•	108	٠	•	•	108
	BOL	•	108	•	•	•	•
	108	•	108	•		•	TOR
	T> 050.	•	108	•	٠	•	108
JAN FEB	108	•	BOL	٠	0 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BOL
T FE BS ME PO CO	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	DET'N LIMIT =	GUIDELINE =			
M FEB	٠	•	108	٠	BOL	٠	•
I A R		٠	108	•	80F	•	٠
App	•	٠	BOL		108	•	٠
	٠	•	108	٠		•	• 60
HAY .		٠	. 100 <t< td=""><td>٠</td><td>•</td><td>•</td><td>17 001.</td></t<>	٠	•	•	17 001.
- NOC	٠	٠	٠		•		301
. Inf	٠	•	Tog	•	•	•	3 6
	BOL	•	108	•	•	•	BOL
SEP BOL	JO8	•	108		•	•	•

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM NORTH BAY WIP 1989

EATMENT PLANT DISTRIBUTION SYSTEM	SITE 1 SITE 2 SITE 3	NOING FREE FLOW STANDING FREE FLOW STANDING FREE FLOW			108	DET'N LIMIT = GUIDELINE =	108		. 108 . 108 .			108		108		108	109 109 .		CEL W LINI = COLDELINE =	COLDELINE *	COUDELINE *	47 51 61 7 7 7 7 7 7 7 7 7 7 7 7 8 9 8 8 9 8 8 8 9 8	<pre></pre> <pre><</pre>	<pre></pre>	<pre><1200 <7350 <7350 <741650 UCS</pre>	<pre><1200 <1350 <147650 UCS47</pre>	<pre><1200 <t350 <t47650="" th="" ucs47<=""></t350></pre>
WATER TREATMENT PLANT	TREATED SITE 1	STAWDING	- Co	. Ide	108	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•	٠	٠	٠	٠		٠	. 108	. 108	. BDL	. BOL	. 108									
	SITE	TYPE	1 1 1 1 1 1 1		DEC BOL	O-XYLENE (, NAL	FEB	MAR .	APR .	MAY .	· MOr	·			OCT 80L	MOV BOL		STIKENE ()	JAN .	JAN FE8	JAN FEB	JAN FEB APR	JAN JAN MAR APR	JAN FEB	JAN FEB	JAN FEB

TABLE 5

			WALER IREALMENT PLANT	CARI		DISTRIBUTION STRICK		
J.	SITE RAW	TREATED	SITE 1		\$17E 2		SITE 3	
		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	STANDING	FREE FLOW	STAMDING	FREE FLOW	STAMDING	FREE FLOW
AUG	1> 051.	T> 051.		108	•	•	٠	1> 001.
SEP	108	BOL	•	T> 001.	•	•	•	•
000	BOL	BOL	•	108	٠	٠	•	T> 001.
MOV	108	.250 <t< td=""><td>•</td><td>. 100 <t< td=""><td></td><td>٠</td><td>٠</td><td>T> 050.</td></t<></td></t<>	•	. 100 <t< td=""><td></td><td>٠</td><td>٠</td><td>T> 050.</td></t<>		٠	٠	T> 050.
DEC	108	BOL	•	T> 001.	•	•	•	.050 ×T
CHLOROFORM (() NA			DET*N LIMIT =	GUIDELINE *		0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
JAN		٠	•	52.200	•	42.100	•	٠
FE8	•	٠	٠	43.200	•	43.900	•	٠
MAR	•	•	٠	47.800	•	46.900	٠	
APR		•	•	49.900	•	٠		
MAY		•	•	24.600	•	•	٠	006.79
MOR	•	•	•	٠		•	•	273.000
JUL	•	•	٠	38.800		•	٠	64.700
AUG	108	43.300	٠	43.000		•	٠	47.500
SEP	108	50.000	•	39.700		•	٠	
OCT	108	48.200	•	49.000	•	•	٠	67.700
MOV	108	45.600	٠	006.77	٠	•	•	006.65
DEC	BOL	46.200	•	41.500	•	•	•	52.100
BON TE	CARBON TETRACHLORIDE (^		DET'N LIMIT =	GUIDELINE =			
JAN		•	•	HOP	•	B01	•	•
FEB		•	٠	BOL	•	B01	٠	
MAR	•		•	109		BOL	•	•
APR			•	BOL		•	•	
KAY	,		•	BOL	,	•		IGR

TABLE 5

RAW	TREATED	SITE 1		SITE 2		SITE 3	
0 0 0 3 3 3 5 9 9		STANDING	FREE FLOW	STAWDING	FREE FLOW	STANDING	FREE FLOW
•	•		٠	•	٠	•	1.000 <7
٠	٠	٠	108	•	•		108
BDL	BOL	•	108		٠	•	BOL
BOL	BOL	٠	108	٠	٠	٠	
BOL	BOL		BOL	٠	•	٠	108
BOL	BOL		108	٠	•	•	BOL
108	BOL	•	HOL		٠	٠	HOL
DICHLOROBROMOMETHANE (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	DET'N LIMIT =	GUIOELINE =	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	٠	•	5.050		4.600	٠	٠
٠			4.400	٠	7.600	٠	•
	٠	٠	5.250	٠	5.000	٠	•
٠	٠	٠	4.600		٠	•	•
٠	٠	•	4.900	٠	٠	٠	5.550
٠	٠	٠	٠	٠	٠	٠	10.650
٠	٠	٠	3.750	٠	٠	٠	5.400
BOL	3.900	٠	3.750	٠	•	٠	4.100
BOL	4.300	•	3.500	٠	٠	٠	٠
BOL	4.350	٠	4.450	٠	٠	٠	5.650
BOL	4.500	٠	3.850		٠	٠	4.450
108	009.4	•	3.800	٠	٠	٠	4.700
CHLOROD I BROMOMETHANE (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DET'N LIMIT *	GUIDELINE =	9 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
٠	٠	•	.300 <t< td=""><td></td><td>.200 <t< td=""><td>٠</td><td>٠</td></t<></td></t<>		.200 <t< td=""><td>٠</td><td>٠</td></t<>	٠	٠
٠	٠	٠	108	٠	.300 <1	٠	٠
		٠	T> 009.	٠	T> 009.	٠	•

TABLE 5

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TTPE MAY TREATED STIE 1 STIE 2 STIE 3 STIE							CISIEM SISIEM		
STANDING FREE FLOW STANDING FREE FLOW STANDING FREE FLOW	SITE	RAN	TREATED	SITE 1		SITE 2		SITE 3	
300 < Table 300			0 0 0 0 0 0 0 0	STANDING	FREE FLOW	STANDING	FREE FLOW	STANDING	FREE FLOW
300 <t 300="" 30<="" <t="" td=""><td>APR</td><td>•</td><td>•</td><td></td><td>.200 <1</td><td></td><td>•</td><td>•</td><td></td></t>	APR	•	•		.200 <1		•	•	
300 <t 300="" 801="" <<="" <t="" td=""><td>MAY</td><td></td><td></td><td>٠</td><td>.300 <t< td=""><td>٠</td><td>•</td><td>•</td><td>.300 <t< td=""></t<></td></t<></td></t>	MAY			٠	.300 <t< td=""><td>٠</td><td>•</td><td>•</td><td>.300 <t< td=""></t<></td></t<>	٠	•	•	.300 <t< td=""></t<>
300 <t 300="" 30<="" <t="" td=""><td>NOF</td><td></td><td></td><td></td><td></td><td>•</td><td>•</td><td>٠</td><td>1> 009.</td></t>	NOF					•	•	٠	1> 009.
300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 300 <7 30	JUL			٠	.300 <t< td=""><td>•</td><td>•</td><td></td><td>1> 007.</td></t<>	•	•		1> 007.
300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 30	AUG	108	.300 <t< td=""><td>•</td><td>B01</td><td>•</td><td>•</td><td></td><td>108</td></t<>	•	B01	•	•		108
300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 300 <1 30	SEP .	108	.300 <t< td=""><td></td><td>.300 <t< td=""><td>•</td><td>٠</td><td></td><td></td></t<></td></t<>		.300 <t< td=""><td>•</td><td>٠</td><td></td><td></td></t<>	•	٠		
300 <t< td=""><td>OCT</td><td>108</td><td>.300 <t< td=""><td></td><td>.300 <t< td=""><td>٠</td><td>٠</td><td>•</td><td>T> 004.</td></t<></td></t<></td></t<>	OCT	108	.300 <t< td=""><td></td><td>.300 <t< td=""><td>٠</td><td>٠</td><td>•</td><td>T> 004.</td></t<></td></t<>		.300 <t< td=""><td>٠</td><td>٠</td><td>•</td><td>T> 004.</td></t<>	٠	٠	•	T> 004.
) 300 <↑	MOV	108	.300 <t< td=""><td></td><td>.200 <t< td=""><td>٠</td><td>٠</td><td>•</td><td>7> 002.</td></t<></td></t<>		.200 <t< td=""><td>٠</td><td>٠</td><td>•</td><td>7> 002.</td></t<>	٠	٠	•	7> 002.
)	DEC	108	,300 <t< td=""><td></td><td>.200 <t< td=""><td>٠</td><td>٠</td><td>٠</td><td>.300 <t< td=""></t<></td></t<></td></t<>		.200 <t< td=""><td>٠</td><td>٠</td><td>٠</td><td>.300 <t< td=""></t<></td></t<>	٠	٠	٠	.300 <t< td=""></t<>
BDL	HLOROETHYLE	WE (^		DET'N LIMIT =		9 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
BDL	JAN	•		٠	BOL		108		٠
BDL	FEB	•	•	٠	BOL	•	108	•	•
BDL	MAR		•	•	108		108	٠	•
	APR			•	108	٠	٠	•	•
	HAY	•	•	•	T> 050.	,	٠	•	1> 050.
. 100 <t< td=""><td>JUN</td><td>•</td><td>٠</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>150 <₹</td></t<>	JUN	•	٠	•	•	•	•	•	150 <₹
.100 <t< td=""><td>JUL</td><td>•</td><td>•</td><td>•</td><td>BOL</td><td></td><td>٠</td><td>•</td><td>BOL</td></t<>	JUL	•	•	•	BOL		٠	•	BOL
801 . 801	AUG	B01	. 100 <t< td=""><td>•</td><td>B01</td><td></td><td>٠</td><td>•</td><td>BOL</td></t<>	•	B01		٠	•	BOL
80L	SEP	80F	108	٠	108		•	•	
80L	DCT	B 01	108	•	108		٠	•	BOL
BDL	NOV	BOL	108	•	108	٠	٠	•	BOL
) DET'N LIMIT * GUIDELINE *	OEC	B01	108	•	BOL	٠	٠	•	BOL
. 57.550	L TRIHALOME	THAMES (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DET'N LIMIT =	GUIDELINE *	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	8 1 1 8 9 9 9 9 9 6 6 6 8 8 8 8 8 8 8 8 8 8 8
	JAN	•			57.550		006*97	٠	٠

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM WORTH BAY UTP 1989

		FREE FLOW	
	SITE 3	TYPE STANDING FREE FLOW STANDING FREE FLOW	
DISTRIBUTION SYSTEM		FREE FLOW	
018	SITE 2	STANDING	
ANT		FREE FLOW	
WATER TREATMENT PLANT	SITE 1	STAMDING	0 0 1 1 2 2 3 3 3 5 5 6 6 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8
3	TREATED		8 8 8 8 8 8 9 9 9 9 8 8 8 8 8 9 9 9 9 9
	RAW		8 8 1 8 8
	SITE	TYPE	

, , , , , , , , , , , , , , , , , , , ,	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			* 0 P P P P P P P P P P P P P P P P P P				
	•	٠	٠	47.600	•	48.800		•
		٠	٠	53.650	٠	52.500	•	•
		•	٠	24.700	٠	٠	٠	•
		•	٠	59.800	٠	٠		73.750
	•	•	•		٠	٠	٠	284.250
	•	•		42.850	٠	٠	•	70.500
	BDL	47.500	•	46.750	٠	٠	•	51.600
	ROE	24.600	٠	43.500		٠	•	•
	108	52.850	٠	53.750	•	•	•	73.73
	100	20.400	•	48.950	•	٠	٠	54.550
	108	51.000	•	45.550	٠	٠	٠	57.050

TRACE LEVELS OF TOLUENE ARE LABORATORY ARTIFACTS DERIVED FROM THE AMALYTICAL METHODOLOGY.

TRACE LEVELS OF STYRENE ARE CONSIDERED TO BE LABORATORY ARTIFACTS RESULTING FROM THE LABORATORY SHIPPING CONTAINERS.

Table 6

		ETECTION		
SCAN/PARAMETER	UNIT	LIMIT	GUIDE	LINE
BACTERIOLOGICAL				
FECAL COLIFORM MEMBRANE FILTRATION	CT/100ML	0	0	(A1)
STANDARD PLATE COUNT MEMBRANE	CT/ML	0	500/M	L(A1)
FILTRATION				
TOTAL COLIFORM MEMBRANE FILTRATION	CT/100ML	0	5/100m	L(A1)
TOTAL COLIFORM BACKGROUND MF	CT/100ML	0	N/A	
CHLOROAROMATICS				
HEXACHLOROBUTADIENE	NG/L	1.000	450.	(D4)
1,2,3-TRICHLOROBENZENE	NG/L	5.000	10000	(I)
1,2,3,4-TETRACHLOROBENZENE	NG/L	1.000	10000	(I)
1,2,3,5-TETRACHLOROBENZENE	NG/L	1.000	10000	(I)
1,2,4-TRICHLOROBENZENE	NG/L	5.000	10000	(I)
1,2,4,5-TETRACHLOROBENZENE	NG/L	1.000	38000	(D4)
1,3,5-TRICHLOROBENZENE	NG/L	5.000	10000	(D4)
HEXACHLOROBENZENE	NG/L	1.0	10.	(C1)
HEXACHLOROETHANE	NG/L	1.000	1900.	(D4)
OCTACHLOROSTYRENE	NG/L	1.000		, ,
PENTACHLOROBENZENE	NG/L		74000	(D4)
2,3,6-TRICHLOROTOLUENE	NG/L		N/A	• •
2,4,5-TRICHLOROTOLUENE	NG/L	5.000	•	
2,6,A-TRICHLOROTOLUENE	NG/L	5.000	•	
2,8,A-IRICHLOROIOBOENE	, 2	• • • • • • • • • • • • • • • • • • • •		
CHLOROPHENOLS				
2 2 A EDIQUI ODODUPNOI	NG/L	50.	N/A	
2,3,4-TRICHLOROPHENOL	NG/L	50.	N/A	
2,3,4,5-TETRACHLOROPHENOL	NG/L	50.	N/A	
2,3,5,6-TETRACHLOROPHENOL	NG/L		600000	(D4)
2,4,5-TRICHLOROPHENOL	NG/L NG/L	50.		(B4)
2,4,6-TRICHLOROPHENOL	NG/L NG/L		30000.	(B4)
PENTACHLOROPHENOL	NG/L		30000.	(2-)
CHEMISTRY (FLD)				
FIELD COMBINED CHLORINE RESIDUAL	MG/L	N/A	N/A	
FIELD FREE CHLORINE RESIDUAL	MG/L	N/A	N/A	
FIELD TOTAL CHLORINE RESIDUAL	MG/L	N/A	N/A	
FIELD PH	DMSNLESS		6.5-8	5(A4)
FIELD TEMPERATURE	°C	N/A	<15 °	C(A1)
FIELD TURBIDITY	FTU	N/A		(A1)
FIEDD TORBIDITI				, ,
CHEMISTRY (LAB)				
ALKALINITY	MG/L	.200	30-50	00(A4)
CALCIUM	MG/L	.100		(F2)
CYANIDE	MG/L	.001		20(A1)
CHLORIDE	MG/L	.200		(A3)
COLOUR	TCU	.5		0 (A3)
CONDUCTIVITY	UMHO/CM	1.		(F2)
FLUORIDE	MG/L	.01		4 (A1)
HARDNESS	MG/L	.50		00 (A4)
MAGNESIUM	MG/L	.05		
WORFSTON				, ,

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	DI	ETECTION		
SCAN/PARAMETER	UNIT	LIMIT	GUIDE	LINE
NITRITE	MG/L	.001	1.0	(A1)
TOTAL NITRATES	MG/L	.02	10.	(A1)
NITROGEN TOTAL KJELDAHL	MG/L	.02	N/A	
PH	DMSNLESS	N/A	6.5-8.	5(A4)
PHOSPHORUS FIL REACT	MG/L	.000	5 N/A	
PHOSPHORUS TOTAL	MG/L	.002	•	O(F2)
TOTAL SOLIDS	MG/L	1.	500.	
TURBIDITY	FTU	.02		(A1)
				, ,
METALS				
ALUMINUM	UG/L	.050	100.	(A4)
ANTIMONY	UG/L	.050	10.	(F3)
ARSENIC	UG/L	.050	50.	(A1)
BARIUM	UG/L	.020	1000.	(A1)
BORON	UG/L	.200	5000.	(A1)
BERYLLIUM	UG/L	.010) (H)
CADMIUM	UG/L	.050		(A1)
COBALT	UG/L		1000.	(H)
CHROMIUM	UG/L	.100	50.	(A1)
COPPER	UG/L		1000.	(A3)
IRON	UG/L	5.0	300.	(A3)
MERCURY	UG/L	.01		(A1)
MANGANESE	UG/L	.050	50.	(A3)
MOLYBDENUM	UG/L	.020		(H)
NICKEL	UG/L	.100		(F3)
LEAD	UG/L	.020		(A1)
SELENIUM	UG/L	.200		(A1)
SILVER ·	UG/L	.020	50.	(A1)
STRONTIUM	UG/L		2000.	(H)
·	UG/L			
THALLIUM		.010		(D4)
TITANIUM	UG/L	.100	•	(22)
URANIUM	UG/L	.020		(A2)
VANADIUM	UG/L	.020		(H)
ZINC	UG/L	.020	5000.	(A3)
PHENOLICS				
PHENOLICS (UNFILTERED REACTIVE)	UG/L	. 2	2.0	(A3)
PESTICIDES & PCB				
ALDRIN	NG/L	1.0	700.	(A1)
AMETRINE	NG/L	50. 30	00000.	(D3)
ATRAZINE	NG/L	50.	60000.	(B3)
ALPHA HEXACHLOROCYCLOHEXANE (BHC)	NG/L	1.0	700.	(G)
BETA HEXACHLOROCYCLOHEXANE (BHC)	NG/L	1.0	300.	(G)
GAMMA HEXACHLOROCYCLOHEXANE (LINDANE)	NG/L	1.0		(A1)
ALPHA CHLORDANE	NG/L	2.0		(A1)
GAMMA CHLORDANE	NG/L	2.0	7000.	(A1)
BLADEX	NG/L		10000.	(B3)
DIELDRIN	NG/L	2.0	700.	(A1)
METHOXYCHLOR	NG/L		00000.	(B1)
ENDOSULFAN 1 (THIODAN I)	NG/L		74000.	(D4)
ENDOSULFAN 2 (THIODAN II)	NG/L		74000.	(D4)
ENDRIN	NG/L	4.0	200.	(A1)
ENDOSULFAN SULPHATE (THIODAN SULPHATE)		4.0	N/A	\/
HEPTACHLOR EPOXIDE .	NG/L	1.0	3000.	(A1)
	1.6/1	1.0	5000.	(A1)

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	D	ETECTION		
SCAN/PARAMETER	UNIT	LIMIT	GUIDE:	LINE
HEPTACHLOR	NG/L	1.0		
METOLACHLOR	NG/L	500.	50000.	(B3)
MIREX	NG/L	5.0	N/A	
OXYCHLORDANE	NG/L	2.0	N/A	
O,P-DDT	NG/L	5.0	30000.	(A1)
PCB	NG/L	20.0	3000.	
O,P-DDD	NG/L	5.0	N/A	
PPDDE	NG/L	1.0	30000.	(A1)
	NG/L	5.0	30000.	
PPDDT	NG/L	50.	N/A	(,
ATRATONE ALACHLOR	NG/L	500.	35000.	(D2)
1221012011	NG/L	50.	52500.	
	NG/L		16000.	
PROPAZINE			1000.	
PROMETRYNE	NG/L	50.	1000.	
SENCOR (METRIBUZIN)	NG/L	100.	80000.	
SIMAZINE	NG/L	50.	10000.	(83)
POLYAROMATIC HYDROCARBONS				
	15			
PHENANTHRENE	NG/L		N/A	
ANTHRACENE	NG/L	1.0	-	
FLUORANTHENE	NG/L		42000.	(D4)
PYRENE	NG/L		N/A	
BENZO(A)ANTHRACENE	NG/L	20.0	N/A	
CHRYSENE	NG/L	50.0	N/A	
DIMETHYL BENZO(A)ANTHRACENE	NG/L	5.0		
BENZO(E)PYRENE	NG/L	50.0	N/A	
BENZO(B)FLUORANTHENE	NG/L	10.0	N/A	
PERYLENE	NG/L	10.0	N/A	
BENZO(K)FLUORANTHENE	NG/L	1.0	N/A	
BENZO(A)PYRENE	NG/L	5.0	10.	(B1)
BENZO(G, H, I) PERYLENE	NG/L	20.0	N/A	
DIBENZO(A, H) ANTHRACENE	NG/L	10.0	N/A	
INDENO(1,2,3-C,D)PYRENE	NG/L	20.0	N/A	
BENZO(B)CHRYSENE	NG/L	2.0	N/A	
CORONENE	NG/L	10.0	N/A	
SPECIFIC PESTICIDES				
TOXAPHENE	NG/L	N/A	5000.	(A1)
2,4,5-TRICHLOROBUTYRIC ACID	NG/L	50.	200000.	(B4)
(2,4,5-T)				
2,4-DICHLOROBUTYRIC ACID (2,4-D)	NG/L	100.	100000.	(A1)
2,4-DICHLORORPHENOXYBUTYRIC ACID	NG/L	200.	18000.	(B3)
2,4-D PROPIONIC ACID	NG/L	100.	N/A	
DICAMBA	NG/L	100.	120000.	(B1)
PICLORAM	NG/L	100.	190000.	(B3)
SILVEX (2,4,5-TP)	NG/L	50.	10000.	(A1)
DIAZINON	NG/L	20.	20000.	(B1)
DICHLOROVOS	NG/L	20.	N/A	
DURSBAN	NG/L	20.	N/A	
ETHION	NG/L	20.	35000.	(G)
GUTHION (AZINPHOSMETHYL)	NG/L	N/A	20000.	(B1)
MALATHION	NG/L	20.	190000.	(B1)
MEVINPHOS	NG/L	20.	N/A	, -,
METHYL PARATHION	NG/L	50.	7000.	(A1)
METHYLTRITHION	NG/L	20.	N/A	,
PARATHION	NG/L	20.	50000.	(B1)
IMMIIIIOII	110/11	20.		(/

	DI	ETECTION		
SCAN/PARAMETER	UNIT	LIMIT	GUIDE	LINE
	4-			
PHORATE (THIMET)	NG/L	20.	2000.	(B3)
RELDAN	NG/L	20.	N/A	
RONNEL	NG/L	20.	N/A	
AMINOCARB	NG/L	N/A	N/A	
BENONYL	NG/L	N/A	N/A	
BUX (METALKAMATE)	NG/L	2000.	N/A	
CARBOFURAN	NG/L		90000.	(B1)
CICP (CHLORPROPHAM)	NG/L		50000.	(G)
DIALLATE	NG/L		30000.	(H)
EPTAM	NG/L	2000.	N/A	
IPC	NG/L	2000.	N/A	
PROPOXUR (BAYGON)	NG/L		90000.	(G)
SEVIN (CARBARYL)	NG/L	200.	90000.	(B1)
SUTAN (BUTYLATE)	NG/L	2000. 2	45000.	(D3)
VOLATILES				
BENZENE	UG/L	.050	5.0	(B1)
TOLUENE	UG/L	.050		(B4)
ETHYLBENZENE	UG/L	.050		(B4)
PARA-XYLENE	UG/L	.100		(B4)
META-XYLENE	UG/L	.100		
ORTHO-XYLENE	UG/L	.050		
1,1-DICHLOROETHYLENE	UG/L	.100		(D1)
ETHLYENE DIBROMIDE	UG/L	.05		5 G)
METHYLENE CHLORIDE	UG/L	.500		
TRANS-1,2-DICHLOROETHYLENE	UG/L	.100		
1,1-DICHLOROETHANE	UG/L	.100		(,
CHLOROFORM	UG/L	.100		(A1+)
1,1,1-TRICHLOROETHANE	UG/L	.020		
1,2-DICHLOROETHANE	UG/L	.050		(D1)
CARBON TETRACHLORIDE	UG/L	.200		(B1)
1,2-DICHLOROPROPANE	UG/L	.050		(D5)
TRICHLOROETHYLENE	UG/L	.100		(B1)
DICHLOROBROMOMETHANE	UG/L	.050		(A1+)
1,1,2-TRICHLOROETHANE	UG/L	.050		O(D4)
CHLORODIBROMOMETHANE		.100		
TETRACHLOROETHYLENE	UG/L	.050		(C2)
BROMOFORM	UG/L	.200		
1,1,2,2-TETRACHLOROETHANE	UG/L	.050		7 (D4)
CHLOROBENZENE	UG/L	.100		
1,4-DICHLOROBENZENE	UG/L	.100		(B4)
1,3-DICHLOROBENZENE	UG/L	.100		
1,2-DICHLOROBENZENE	UG/L	.050		(B4)
TRIFLUOROCHLOROTOLUENE	UG/L	.100		()
	96/2	. 200	/	

UG/L

UG/L

.500 350. (A1)

140. (D5)

.05

TOTAL TRIHALOMETHANES .

STYRENE



